

EXHIBIT “B”

EXHIBIT A-7

Prior Art System – My Yahoo!

At least given the claim interpretation and infringement positions apparently taken by IV II, the prior art system known as My Yahoo! anticipates claims 1–5 and 8–20 of U.S. Patent No. 7,516,177 (“the ’177 patent”) under 35 U.S.C. § 102(a), (b), and (g) and in the alternative renders those claims obvious under 35 U.S.C. § 103, either alone or in combination with other prior art references (and/or in combination with the knowledge of a person of ordinary skill), because on information and belief, My Yahoo! was known, used, offered for sale, sold, and/or described in printed publications in the United States on or before Oct. 3, 1999. My Yahoo! was disclosed in at least the following references.

Patent or Publication Number	Country of Origin	Date of Issue/Publication	Effective Filing Date
Int. Pub. No. WO 98/57276 to <u>Nazem</u>	U.S.	Dec. 17, 1998	June 12, 1997

Reference(s)	Author(s)	Publisher	Date of Publication
Home on the Web	David Lidsky	PC Magazine, Sept. 1, 1998, at 137–139	Sept. 1, 1998
my.yahoo.com	N/A	Internet Archive WayBack Machine ¹	Feb. 2, 1999
http://help.yahoo.com/help/my/my07.html (“What are Modules?”)	N/A	Internet Archive WayBack Machine ²	Feb. 10, 1999
http://help.yahoo.com/help/my/my01.html (“What is My Yahoo!?”)	N/A	Internet Archive WayBack Machine ³	Mar. 2, 1999

¹ <https://web.archive.org/web/19990202064059/http://my.yahoo.com/>

² <https://web.archive.org/web/19990210083930/http://help.yahoo.com/help/my/my07.html>

³ <https://web.archive.org/web/19990302071038/http://help.yahoo.com/help/my/my01.html>

http://help.yahoo.com/help/edit/edit01.html ("Sign-in")	N/A	Internet Archive WayBack Machine ⁴	Jan. 28, 1999
http://help.yahoo.com/help/my/my06.html ("Adding and Removing Content")	N/A	Internet Archive WayBack Machine ⁵	Feb. 10, 1999
http://www.yahoo.com/info/privacy/ ("Privacy Policy")	N/A	Internet Archive WayBack Machine ⁶	Oct. 3, 1999

My Yahoo! discloses a personalized web portal that includes a variety of pages, sections, and modules that a user can customize. To start a user creates an account on the system, which generates a user profile in response. A server uses the user profile to generate personalized pages based on the user profile. The user profile is populated with default selections that the user can edit. Once the editing process is complete a custom page based on the user profile is built and displayed.

Nazem is a patent listing Yahoo Inc. as the Applicant. It was filed on May 12, 1998 claiming priority to June 12, 1997 and was published on December 17, 1998. It discloses: "In the example shown in FIG. 1, the request is directed to the URL "http: /my. yahoo. com/." In addition, it discloses an illustration of a user page in Fig. 5 that is titled My Yahoo!. Nazem at 4:9–10; Fig. 5. Nazem includes two appendices: Appendix A is a full listing of the user template shown in part in FIG.4. Appendix B is an HTML source code listing of the HTML page used to generate the browser display shown in FIG. 5." Nazem at 4:14–17. Home on the Web discloses "My Yahoo! is a great personalization site within a site . . ." Home on the Web at 137. my.yahoo.com is a capture of the default front page of My Yahoo! from the Internet Archive WayBack Machine on February 2, 1999 and includes various sections with "Edit" buttons and a button to "Sign in." The remaining references are captures of additional web pages accessible from the web site my.yahoo.com that describe the system.

BITCO reserves the right to supplement and amend this chart as additional information about My Yahoo! is discovered.

To the extent that the following contentions reflect constructions of claim limitations consistent with or suggested by IV II (e.g., based on IV II's disclosures pursuant to P. R. 3-1 and 3-2), no inferences are intended nor should any be drawn that BITCO agrees with IV II's claim constructions, and BITCO expressly reserves the right to contest such claim constructions.

⁴ <https://web.archive.org/web/19990128222429/http://help.yahoo.com/help/edit/edit01.html>

⁵ <https://web.archive.org/web/19990210072522/http://help.yahoo.com/help/my/my06.html>

⁶ <https://web.archive.org/web/19991003081258/http://www.yahoo.com/info/privacy/#cookies>

The following contentions are subject to revision and amendment pursuant to Federal Rule of Civil Procedure 26(e), P.R. 3-6, and the Orders of the Court in this matter, to further investigation and discovery regarding the reference, and to the Court's construction of the claims at issue.

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<p>1. An apparatus for distributing content objects to a personalized access point of a user over a network based environment, comprising:</p>	<p><u>My Yahoo!</u> discloses an apparatus for distributing content objects to a personalized access point of a user over a network based environment. <i>E.g.</i>,</p> <p><u>Nazem</u>, at 23, claim 1: “What is claimed is: 1. A server system for serving a customized information page to a user at a browser on request, comprising:”</p> <p><u>Nazem</u>, at Abstract: “A custom page server is provided with user preferences organized into templates stored in compact data structures and the live data used to fill the templates stored local to the page server which is handling user request for custom pages.... Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like.”</p> <p><u>Nazem</u> at 1:16–20: “The present invention relates to the field of customized information presentation. More specifically, one embodiment of the invention provides a custom page server which can quickly serve custom pages and is scalable to handle many users simultaneously.”</p> <p><u>Nazem</u> at 1:26–28: “For example, in presenting news to users, custom pages present news which is more relevant to the requesting users than static pages.”</p> <p><u>Nazem</u> at 1:30–31: “With custom pages, the information is filtered according to each user's interest.”</p> <p><u>Nazem</u>, at 3:3-17: “An improved custom page server is provided by virtue of the present invention. In one embodiment, user preferences are organized into templates stored in compact data structures and the live data used to fill the templates is stored local to the page server which is handling user requests for custom pages. One process is executed on the page server for every request. The process is provided a user template for the user making the request, where the user template is either generated from user preferences or retrieved from a cache of recently used user templates. Each user process is provided access to a large region of shared memory which contains all of the live data needed to fill any user template. Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like. With the live data stored in a local, shared memory, any custom page can be built within the page server, eliminating the need to make requests from other servers for portions of the live data.”</p> <p><u>Nazem</u> at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p>

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	<p><u>Home on the Web</u> at 137: “With its unparalleled directory search and excellent news and finance tools, Yahoo! is clearly one of the premier Web portals. My Yahoo! is a great personalization site within a site . . .”</p>
<p>(a) a server including a database operative to store indicia associated with at least one content object and further operative to store user identifiers as well as information about which content objects have been selected by a particular user;</p>	<p><u>My Yahoo!</u> discloses a server including a database operative to store indicia associated with at least one content object and further operative to store user identifiers as well as information about which content objects have been selected by a particular user. <i>E.g.</i>,</p> <p><u>Nazem</u> at 3:36–38: “FIG. 1 is a block diagram of a client-server architecture according to one embodiment of the present invention”</p> <p><u>Nazem</u> at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages. A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system”</p>

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	<p>1/7</p> <p>FIG. 1.</p> <p><u>Nazem</u> at 5:18–30: “Page servers 104 obtain the live data from many disparate sources and reformat the data into a form suitable for use by the page server. Page servers 104 are coupled, via a network, to edit servers 112, which are used when a user changes his or her user template. The user templates are stored in a user configuration database 116 and are stored and provided to edit servers by a network appliance 114 written for this purpose. Network appliance 114 is a process tuned to quickly locate files in large directories (N400 files/directory) and return them to the edit servers or page servers. One embodiment of network appliance 114 is the F330 fault-tolerant scalable server supplied by Network Appliance, of Mountain View, California.”</p> <p><u>Nazem</u> at 5:31–6:5: “In a specific embodiment, page servers 104 are microcomputers running the Unix® operating system with 64 to 128 megabytes of shared memory, page servers 104 and edit servers 112 are</p>

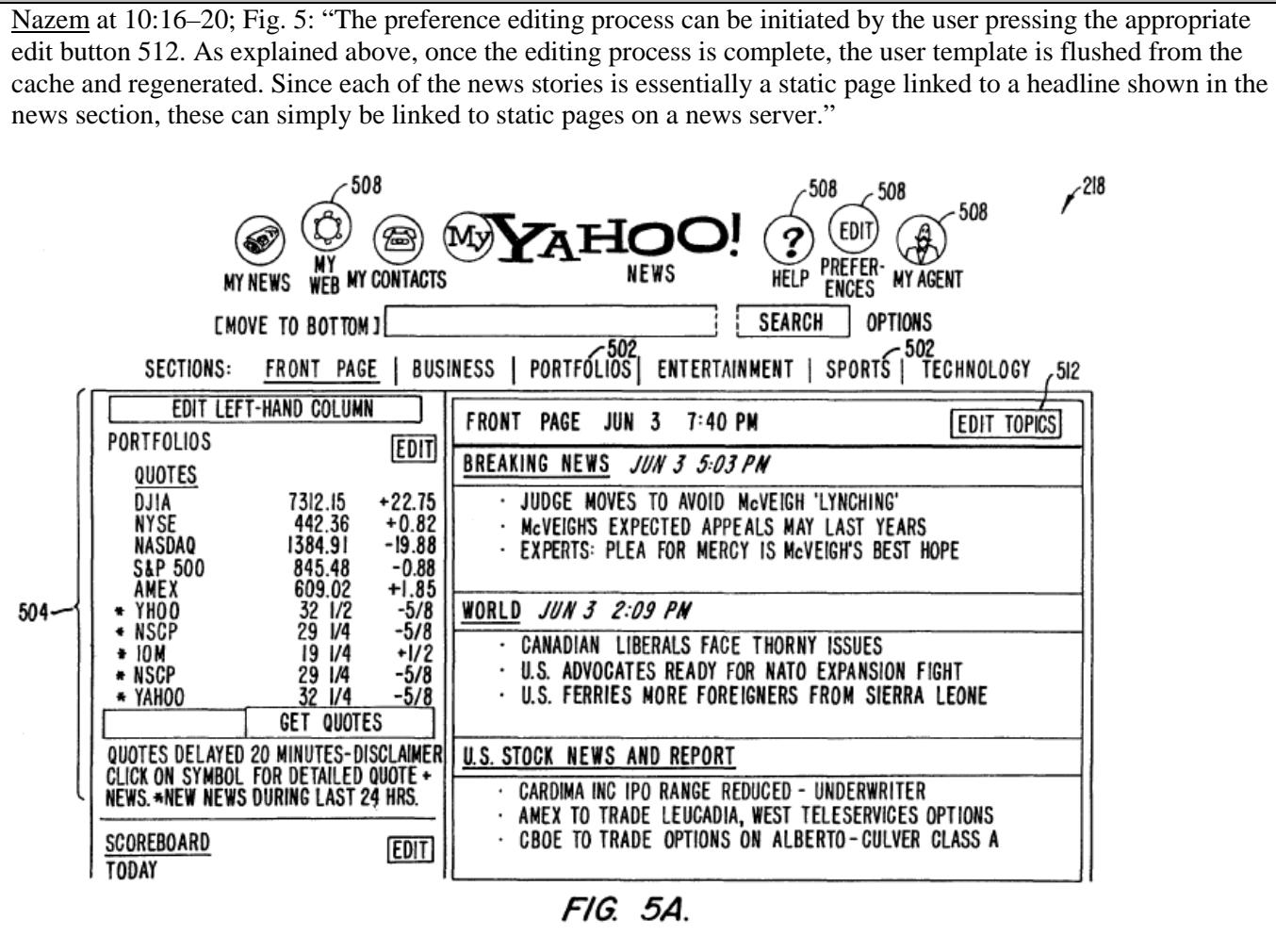
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	<p>coupled using TCP/IP (Transport Control Protocol/Internet Protocol) and the user configuration database 116 is a Unix file structure which stores each user configuration in a text file. The particular file used by a user is a combination of the user's user name and a hash result, to allow for quick access when many user configurations are stored. For example, the user configuration for summary 'front' page for a user 'ash802' might be stored at /de/13/y . ash802 , where 'de' and '13' are hash results of a hash of the user name 'ash802'."</p> <p><u>Nazem</u> at 6:11–12: "User configuration record 206 is a record selected from user configuration database 116."</p> <p><u>Nazem</u> at 6:16–20: "Page server 104 is shown comprising a page generator 210, a shared memory 212 for storing live data and a cache 214 for caching user templates such as user template 202. Page generator 210 generates a custom front page 218 from a user template and the live data stored in shared memory 212."</p> <p><u>Nazem</u> at 6:27–30: "Shared memory 212 is organized as a set of memory mapped files. With memory mapped files, the operating system maintains the data in permanent storage, but permanently caches the files in shared memory 212."</p> <p><u>Nazem</u> at 7:26–30: "As shown in FIG. 2, the user's front page template 202 does not need to be generated each time, but rather is stored in cache 214. In a preferred embodiment, user templates are stored in cache 214 for long enough to be reused."</p> <p><u>Nazem</u> at 7:32–36 "Since the pages are customizable and dynamic, the user would see different information each time, but the same user template would be used each time. Of course, when the user edits his or her template, any cached copy of a user template is flushed."</p> <p><u>Nazem</u> at 10:25–27: "As part of a registration process, a user indicates, among other things, his or her zip code."</p> <p><u>Nazem</u> at 23, claim 1: "a database of user configurations"</p> <p><u>Nazem</u> at 23, claim 1: "a data structure within the shared memory for storing the dynamic information needed to generate the customized information page;"</p> <p><u>Nazem</u> at 23, claim 3: "The server system of claim 2, wherein the means for assigning servers is a means for assigning a specific server to a specific user, such that the particular user is assigned the specific server for each request."</p> <p><u>Nazem</u> at 23, claim 9: "collecting current security quotes for each of a plurality of selectable securities; collecting current sports news and scores for each of a plurality of selectable sports events; collecting current news headlines which reference news articles; formatting the current security quotes, current sports news and current news headlines into a data structure stored in a shared memory;"</p>

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	<p><u>How do I Register?</u>:</p> <p>If you want to register to use Yahoo!'s personalized services, just follow the instructions for New Users on the login page. During registration, you will be asked to create a Yahoo! ID and password of your choice.</p> <p>Please Note: A Yahoo! ID cannot contain special characters or spaces. After you've registered, you can use this same ID and password for all of Yahoo!'s services.</p> <p><u>Privacy Policy:</u></p> <p>What personally identifiable information does Yahoo! collect from me?</p> <p>Yahoo! collects information in several ways from different parts of our network of web sites.</p> <p>Some personal information is gathered when you register. During registration, Yahoo! asks for your name, email address, birth date, gender, zip code, occupation, industry and personal interests. The more information you volunteer (and the more accurate it is), the better we are able to customize your experience. Once you register you are no longer anonymous to Yahoo! - you are given a Yahoo! ID and are able to take full advantage of Yahoo!'s many offerings.</p> <p>In addition to registration we may ask you for personal information at other times, including (but not limited to) when you enter a sweepstakes, contest or promotion sponsored by Yahoo! and/or our many partners; when you make a purchase using Yahoo! Shopping; when you make travel arrangements using Yahoo! Travel; when you post a Yahoo! Classified ad; when you submit a listing for a web site; and when you report a problem with one of our sites or services. If you contact Yahoo! we may keep a record of that correspondence. Yahoo! also occasionally asks users to complete surveys that we use for research purposes. Wherever Yahoo! collects personal information we make an effort to include a link to this Privacy Policy on that page.</p>

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<p>(b) a selection client communicating with the server via a communication link and configured to allow a user to select content objects to add to a personalized access point by submitting an indicia and a user identifier to the server; and</p>	<p><u>My Yahoo!</u> discloses a selection client communicating with the server via a communication link and configured to allow a user to select content objects to add to a personalized access point by submitting indicia and a user identifier to the server. <i>E.g.</i>,</p> <p><u>Nazem</u> at 1:24-31: “custom pages present news which is more relevant to the requesting users than static pages... With custom pages, the information is filtered according to each user’s interest.”</p> <p><u>Nazem</u> at 4:20-25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>Nazem</u> at 4:26-32: “The art of client-server systems using HTTP (HyperText Transport Protocol) messaging or other protocols is well known and will not be addressed in detail here. Essentially, browser 102 makes a request for a particular page by specifying a Uniform Resource Locator (‘URL’) for the page. In the example shown in FIG. 1, the request is directed to the URL ‘http: /my.yahoo.com/’.”</p> <p><u>Nazem</u> at 5:11-14: “When a page server receives the URL for its root directory, it interprets that as a request for the user’s summary page. The user is determined not from the URL, but from a “cookie” provided by browser 102 with the URL.”</p> <p><u>Nazem</u> at 8:18-22: “if the assignment of a user to a single page server is desired, name server 108 (see FIG. 1) will use the user name from the provided cookie or the user’s IP address to assign a page server based on a hash of the user name or IP address.”</p> <p><u>Nazem</u> at 8:23-26: “FIG. 3 is an illustration of a global user template 204. Global user template 204 is an HTML (HyperText Markup Language) document with additional tags as placeholders for live data. Several placeholders 302 are shown in FIG. 3.”</p>

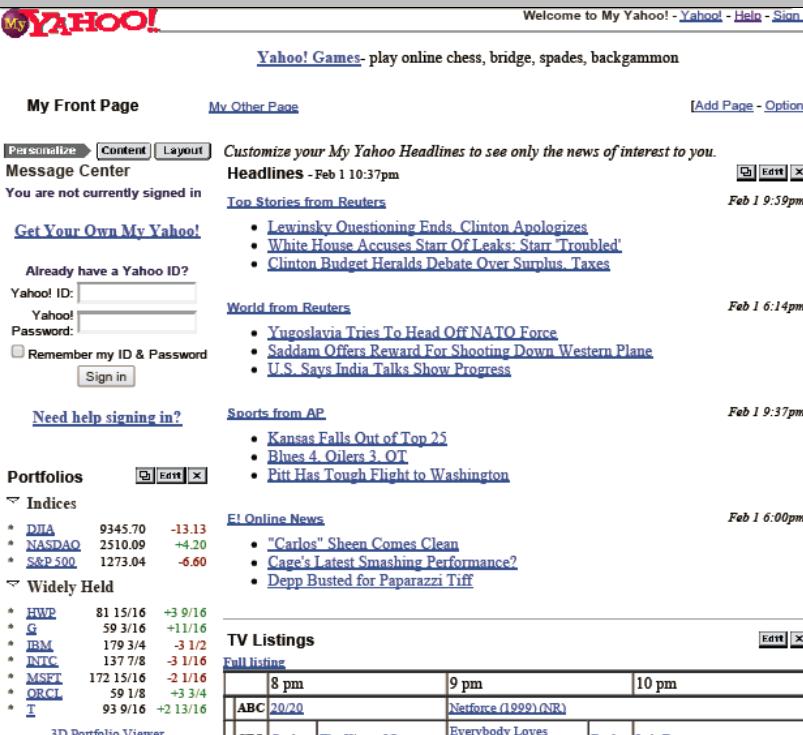
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	<p>3/7</p> <div style="border: 1px solid black; padding: 10px;"> <pre> <html> <head> <title>My Yahoo! news summary for <!-- login --></title> </head> <body> <center> <!--banner:sum --> <!-- ad --> <!-- nav bar --> 302 </center> <table border=1 cellpadding=4 cellspacing=0 width=100%> <tr><td align=center valign=top width="1%"> <!-- leftside:nsum --> 302 <p></td> <td align=center valign=top width="100%"> <!-- mode bar:"FRONT PAGE" --> <!-- channel:nsum --> 302 </td></tr> </table> <center> <table border=1 cellpadding=2 cellspacing=0 width=100%> <!-- motd:motn.html --> </table> </center> <!-- search --> <!-- copyright:sum --> </body> </html> </pre> </div> <p>204</p> <p>FIG. 3.</p> <p><u>Nazem</u> at 4:6-8: "FIG. 4 is an illustration of a user template generated from the global front page template of FIG. 3 as might be used to generate a custom user page."</p>

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	<p style="text-align: center;"><i>202</i></p> <pre> <!-- timezone:-8,PT 0 --> <!-- ad:M,85,95035,T,* 792 --> <!-- portfolio:Quotes,pf_1,1,^DJI,^NYA,^IXIC,^SPX,^XAX,YHOO,NSCP,IOM,NSCP,YHOO 2836 --> <!-- 404 scoreboard:NCAAFSSC,NHLSAN,MLSSAN,NCAAFSSS,ALOAK,NBAGSW,NFLOAK,NCAAFCCD,NFLSFO ,NLSFO 3803 --> <!-- weather:f,30901,uk_londo,94601,95101 4368 --> <!-- mode_bar:"FRONT_PAGE",.hier=News+Summary%3aEdit&.done=http://my.yahoo.com/news /summary2:3,rt,rw,z0000,mlb,re,vf 4597 --> <!-- motd:us_motn.html 4696 --> <html> <head> <title>My Yahoo! news summary for ash802</title> </head> <body> <... </body> </html> </pre> <p style="text-align: right;"><i>L74</i></p> <p style="text-align: center;">FIG. 4.</p> <p><u>Nazem</u> at 8:27–39; Appendix A: “FIG. 4 is an illustration of user template 202 as might be generated from global user template 204 (see Fig. 3) and a user configuration record 206. A full listing of user template 202 is included herewith in Appendix A. User template 202 is determined by the user configuration and is independent of the live data, therefore it can be cached without needing to be updated, unless the user chooses to edit the configuration information.”</p> <p><u>Nazem</u> at 9:2–4; “Essentially, user template 202 contains the information about the user which does not change until the user changes his or her preferences.”</p> <p><u>Nazem</u> at 9:15–20: “As shown, the portfolio selection contains selected stock symbols, the scoreboard selection contains selected team symbols, and the weather selection contains selected weather cities/zip codes. The selections of stock quote symbols, team scores, and weather cities are set by the user.”</p> <p><u>Nazem</u> at 9:30–10:2: “The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc. Each of the modules 504 can be customized by a user and moved about front page 218. The modules 504 are also reusable, in that any customized module which appears on multiple pages can be edited from any one of those pages and the edits will be reflected on each of the pages. Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of the header.”</p>

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	<p><u>Nazem</u> at 10:16–20; Fig. 5: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache and regenerated. Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p>  <p>FIG. 5A.</p>

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	<p style="text-align: center;">My Yahoo!</p> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"><u>AL</u></td> <td style="width: 40%;">DETROIT</td> <td style="width: 10%; text-align: right;">8</td> <td style="width: 10%; text-align: right;">F</td> </tr> <tr> <td><u>NL</u></td> <td>OAKLAND</td> <td style="text-align: right;">9</td> <td style="text-align: right;">F</td> </tr> <tr> <td><u>NL</u></td> <td>SAN FRANCISCO</td> <td style="text-align: right;">9</td> <td style="text-align: right;">F</td> </tr> <tr> <td></td> <td>FLORIDA</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td colspan="4">YESTERDAY</td> </tr> <tr> <td><u>AL</u></td> <td>DETROIT</td> <td style="text-align: right;">8</td> <td style="text-align: right;">F</td> </tr> <tr> <td><u>NL</u></td> <td>OAKLAND</td> <td style="text-align: right;">7</td> <td></td> </tr> <tr> <td><u>NL</u></td> <td>SAN FRANCISCO</td> <td style="text-align: right;">2</td> <td style="text-align: right;">F</td> </tr> <tr> <td></td> <td>FLORIDA</td> <td style="text-align: right;">4</td> <td></td> </tr> </table> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>WEATHER EDIT</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">AUGUSTA, GA</td> <td style="width: 80%; text-align: right;">63...78 F</td> </tr> <tr> <td>LONDON, UK</td> <td style="text-align: right;">50...73 F</td> </tr> <tr> <td>OAKLAND, CA</td> <td style="text-align: right;">59...70 F</td> </tr> <tr> <td>SAN JOSE, CA</td> <td style="text-align: right;">54...75 F</td> </tr> <tr> <td colspan="2">CLICK ON CITY FOR EXTENDED FORECAST</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>MAJOR LEAGUE BASEBALL JUN 3 5:15PM</p> <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS <p>ENTERTAINMENT TOP STORIES JUN 3 6:35PM</p> <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED <p style="text-align: center;">506 510</p> <p>MOVIES + FILM JUN 3 10:13AM</p> <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px; text-align: center;"> <p>504</p> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px; text-align: center;"> <p>TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE.</p> <p>YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>FIG. 5B.</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>FIG. 5A.</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>FIG. 5B.</p> </div> <div style="text-align: right; margin-top: 20px;">  <p>YAHOO! GO TO YAHOO!</p> <p>CHANGE USER</p> </div> <p style="text-align: center; margin-top: 20px;"> Nazem at 10:23–11:10: “Referring now to FIG. 6, an illustration of intelligent defaulting for populating a user template, and consequently a user summary page. As part of a registration process, a user indicates, among other things, his or her zip code. This zip code is used to locate an approximate longitude and latitude for the user using a zip code lookup table 602. This allows the user's location to be located on a map 604. Map 604 provides city boundaries and, with team location table 606, also provides locations for various sports teams which can be selected in a sports module. In selecting a default predetermined number of cities and sports teams for inclusion as initial selections for a particular user, a circle is drawn around the user and increased in diameter until the circle envelopes a suitable predetermined number of cities and sports teams. In this way, each user is guaranteed </p>	<u>AL</u>	DETROIT	8	F	<u>NL</u>	OAKLAND	9	F	<u>NL</u>	SAN FRANCISCO	9	F		FLORIDA	1		YESTERDAY				<u>AL</u>	DETROIT	8	F	<u>NL</u>	OAKLAND	7		<u>NL</u>	SAN FRANCISCO	2	F		FLORIDA	4		AUGUSTA, GA	63...78 F	LONDON, UK	50...73 F	OAKLAND, CA	59...70 F	SAN JOSE, CA	54...75 F	CLICK ON CITY FOR EXTENDED FORECAST	
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	<p>a default number of nearby teams and cities for sports and weather, respectively. While this assumes that the user is interested in only the teams nearest the user, the system can be arranged to provide intelligent defaults where geographic anomalies are known to exist. Geographic anomalies occur in communities which have more loyalty to distant teams than nearby teams, such as might occur when the distant team is much better than the nearby team or when the nearby team recently moved to a distant location. In any case, the user is allowed to customize his or her pages beginning with the intelligent defaults selected.”</p> <p><u>Nazem</u> at 11:11–18: “Other intelligent defaults can be provided in other contexts. For example, the header of user front page 218 includes a button 508 labelled “myweb” which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Nazem</u> at 23, claim 1: “means for generating a template based on the record for the user; a plurality of user processes, one process per user accessing the server system;”</p> <p><u>Nazem</u> at 25, claim 9: “accepting a request for a custom page from a user;”</p> <p><u>Nazem</u> at Appendix B.</p> <p><u>Home on the Web</u> at 137: “My Yahoo! is a series of personalized pages that are far more elaborate than other ‘My’ pages. It is broken down into 12 sections, including Front Page, Health, News, Travel, and Computers, each of which can be independently configured. In effect you are customizing an entire site, not just one page. For each section you choose the types of content (<i>modules</i>) you wish to include, and you select where there should appear on the page.”</p> <p><u>Home on the Web</u> at 137, 139: “A wealth of modules is available including music album releases, favorite bookmarks, horoscopes, weather, upcoming Net events and chats, technology headlines, stock portfolios, business news, and the latest posts from your favorite Yahoo! message boards. Putting all this customized material in one place gives users an incentive to make My Yahoo! their default page.”</p> <p><u>Home on the Web</u> at 139: “Should you decide to create a stock portfolio on the My Yahoo! finance page, the page automatically generates news headlines for each company you’re following.”</p> <p><u>my.yahoo.com</u> at 1: disclosing a default “My Front Page” with links listed in various categories including “Headlines,” “TV Listings,” and “Portfolios,” with links or buttons to “Sign in,” “Edit,” and personalize “Content” or “Layout.”</p>

'177 Patent	<p style="text-align: center;">My Yahoo!</p>  <p>What are Modules?:</p> <p>What are Modules?</p> <p>Content Modules are sections of neatly packaged information on the left or right-hand side of your My Yahoo! pages. These modules contain information on news, sports, stocks, and much more. Depending upon the module, you can customize the content to get only the information you want to see. For more information read about the content modules currently available on My Yahoo!.</p>
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'177 Patent	My Yahoo!
	<p><u>What is MyYahoo!?:</u></p> <p>What is My Yahoo!?</p> <p>My Yahoo! is your own personalized version of Yahoo! After entering some simple information, My Yahoo! allows you to collect your favorite parts of Yahoo! all into one place. You can choose whatever you want to see such as news, weather, stock prices, sports scores, TV and movie listings and much more. It's kind of like your own butler bringing you your favorite sections of the newspaper and telling you about your mail and appointments for the day.</p> <p>My Yahoo! is absolutely free. To register, just click "Get your Own My Yahoo!". Be sure to tell us your interests so we can help build a page that's right for you.</p> <p>My Yahoo is also completely portable--you don't need to download anything, which means you can check My Yahoo! from work, home, school, or even a friend's house.</p> <p>These are just some of the things that makes My Yahoo! a great home page. Click Here to Make My Yahoo! your homepage.</p> <p>See Note 1.</p>
<p>(c) a retrieval client communicating with the server over a communication link allowing a user to retrieve information from a personalized access point;</p>	<p><u>My Yahoo!</u> discloses a retrieval client communicating with the server over a communication link allowing a user to retrieve information from a personalized access point. <i>E.g.,</i></p> <p><u>Nazem</u> at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages. A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>Nazem</u> at 5:18–25: “Page servers 104 obtain the live data from many disparate sources and reformat the data into a form suitable for use by the page server. Page servers 104 are coupled, via a network, to edit servers 112,</p>

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	<p>which are used when a user changes his or her user template. The user templates are stored in a user configuration database 116 and are stored and provided to edit servers by a network appliance 114 written for this purpose.”</p> <p><u>Nazem</u> at 6:16–20: “Page server 104 is shown comprising a page generator 210, a shared memory 212 for storing live data and a cache 214 for caching user templates such as user template 202. Page generator 210 generates a custom front page 218 from a user template and the live data stored in shared memory 212.”</p> <p><u>Nazem</u> at 7:10-13: “One aspect of the present invention is the realization that every piece of information a person can request on a page is storables in a shared memory closely coupled to a page generator.”</p> <p><u>Nazem</u> at 9:26–32: “FIG. 5 is an illustration of a user front page 218 returned by page server 104. User front page 218 as shown in FIG. 5 includes many elements, some of which are described here in further detail. User front page 218 is built according to a user template and live data. The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc.”</p> <p><u>Nazem</u> at Fig. 5:</p>

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FIG. 5A.

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	<p style="text-align: center;">My Yahoo!</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; vertical-align: top;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <u>AL</u> DETROIT 8 F <u>AL</u> OAKLAND 9 F <u>NL</u> SAN FRANCISCO 9 F <u>NL</u> FLORIDA 1 F YESTERDAY </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <u>AL</u> DETROIT 8 F <u>AL</u> OAKLAND 7 F <u>NL</u> SAN FRANCISCO 2 F <u>NL</u> FLORIDA 4 F </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> WEATHER EDIT </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> AUGUSTA, GA 63...78 F LONDON, UK 50...73 F OAKLAND, CA 59...70 F SAN JOSE, CA 54...75 F CLICK ON CITY FOR EXTENDED FORECAST </div> </td> <td style="width: 85%; vertical-align: top;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> MAJOR LEAGUE BASEBALL JUN 3 5:15PM <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> ENTERTAINMENT TOP STORIES JUN 3 6:35PM <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> MOVIES + FILM JUN 3 10:13AM <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="text-align: center; padding-top: 10px;"> 504 </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px;"> TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE. </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px;"> YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL </div> <div style="text-align: right; margin-top: 10px;">  </div> </td> </tr> </table>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <u>AL</u> DETROIT 8 F <u>AL</u> OAKLAND 9 F <u>NL</u> SAN FRANCISCO 9 F <u>NL</u> FLORIDA 1 F YESTERDAY </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <u>AL</u> DETROIT 8 F <u>AL</u> OAKLAND 7 F <u>NL</u> SAN FRANCISCO 2 F <u>NL</u> FLORIDA 4 F </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> WEATHER EDIT </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> AUGUSTA, GA 63...78 F LONDON, UK 50...73 F OAKLAND, CA 59...70 F SAN JOSE, CA 54...75 F CLICK ON CITY FOR EXTENDED FORECAST </div>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> MAJOR LEAGUE BASEBALL JUN 3 5:15PM <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> ENTERTAINMENT TOP STORIES JUN 3 6:35PM <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> MOVIES + FILM JUN 3 10:13AM <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="text-align: center; padding-top: 10px;"> 504 </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px;"> TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE. </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px;"> YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL </div> <div style="text-align: right; margin-top: 10px;">  </div>
<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <u>AL</u> DETROIT 8 F <u>AL</u> OAKLAND 9 F <u>NL</u> SAN FRANCISCO 9 F <u>NL</u> FLORIDA 1 F YESTERDAY </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <u>AL</u> DETROIT 8 F <u>AL</u> OAKLAND 7 F <u>NL</u> SAN FRANCISCO 2 F <u>NL</u> FLORIDA 4 F </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> WEATHER EDIT </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> AUGUSTA, GA 63...78 F LONDON, UK 50...73 F OAKLAND, CA 59...70 F SAN JOSE, CA 54...75 F CLICK ON CITY FOR EXTENDED FORECAST </div>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> MAJOR LEAGUE BASEBALL JUN 3 5:15PM <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> ENTERTAINMENT TOP STORIES JUN 3 6:35PM <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> MOVIES + FILM JUN 3 10:13AM <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="text-align: center; padding-top: 10px;"> 504 </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px;"> TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE. </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 5px;"> YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL </div> <div style="text-align: right; margin-top: 10px;">  </div>		

FIG. 5B.

FIG. 5A.

FIG. 5B.

| **Nazem** at 23, claim 1: “means for obtaining information from the user referencing a record in the database of user configurations, the record being a record for the user;” **Nazem** at 23, claim 1: “response means for responding to a request with an information page containing dynamic information from the data structure formatted according to the template generated for the user making the request.” **Nazem** at 23, claim 9: “in response to the request reading a user template for the user from a template database, | |

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	<p>wherein the user template describes a layout of a custom news page customized for the user;”</p> <p><u>Nazem</u> at 23, claim 9: “”populating a page based on the read user template and the current data stored in the data structure in the shared memory to form a custom news page; and providing the custom news page to the user in real-time response to the request.”</p> <p><u>Nazem</u> at Appendix B.</p>
<p>(d) wherein, in response to submission of the indicia and user identifier, at least one of: (a) a content object, and (b) a link to a content object are added to the personalized access point of the particular user and wherein the particular user can retrieve the content object through their personalized access point from the retrieval client.</p>	<p><u>My Yahoo!</u> discloses wherein, in response to submission of the indicia and user identifier, at least one of: (a) a content object, and (b) a link to a content object are added to the personalized access point of the particular user and wherein the particular user can retrieve the content object through their personalized access point from the retrieval client. <i>E.g.</i>,</p> <p><u>Nazem</u> at 4:1-3: “FIG. 2 is a schematic diagram showing how a user’s custom page is generated from a user configuration, a global template and live data.”</p> <p><u>Nazem</u> at 6:6-12: “FIG. 2 shows in more detail the generation of a custom page for a user, using a front page generator 200 and page server 104. Front page generator 200 generates a user configuration record 206. FIG. 3 shows an example of a global front page template. User configuration record 206 is a record selected from user configuration database 116.”</p> <p><u>Nazem</u> at 6:22-24: “Using user templates and a shared memory for the live data, page server 104 can quickly build custom pages in response to a user request. Where the user template is cached, the page can be generated entirely within page server 104.”</p>

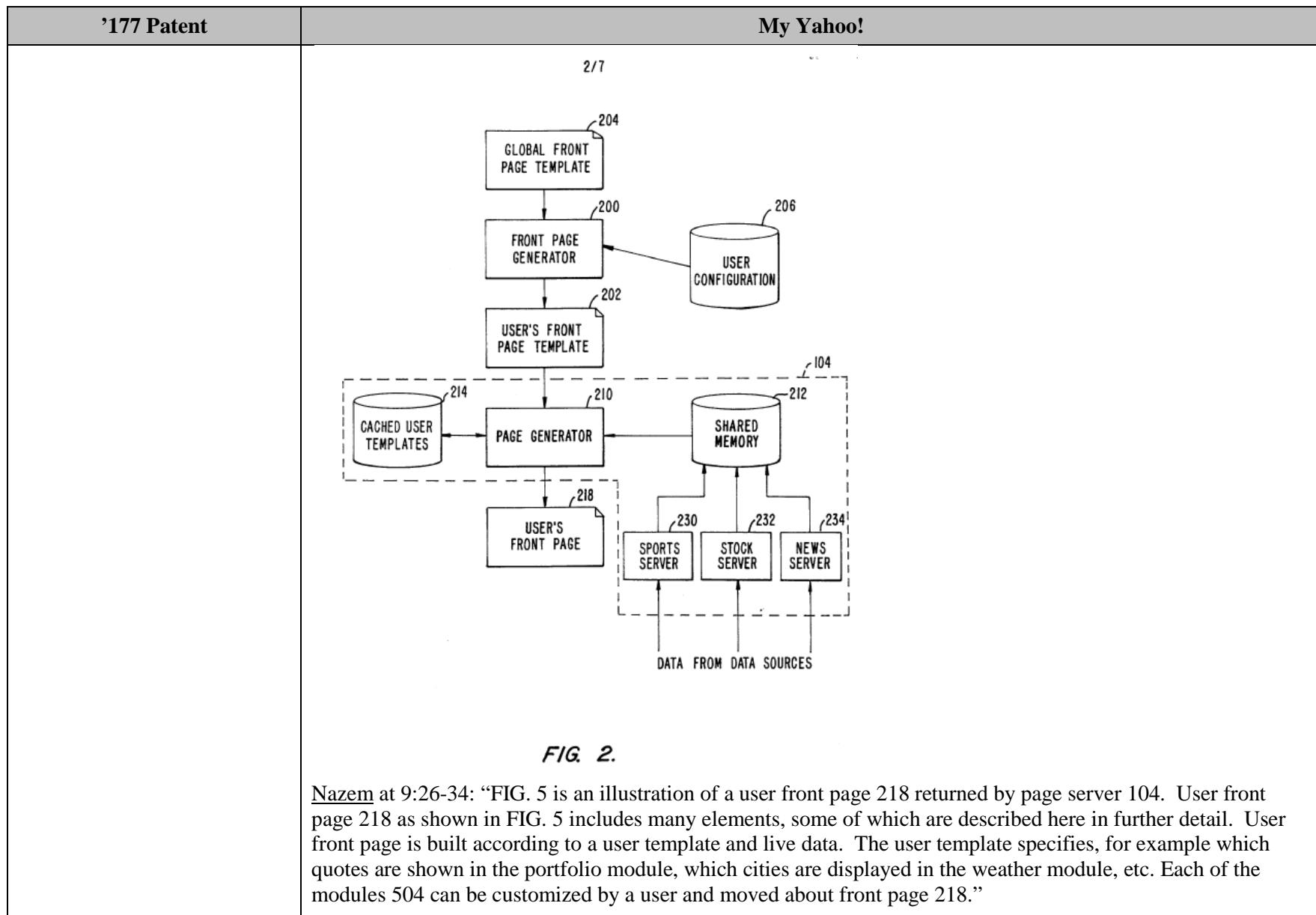


FIG. 2.

Nazem at 9:26-34: “FIG. 5 is an illustration of a user front page 218 returned by page server 104. User front page 218 as shown in FIG. 5 includes many elements, some of which are described here in further detail. User front page is built according to a user template and live data. The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc. Each of the modules 504 can be customized by a user and moved about front page 218.”

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	<p><u>Nazem</u> at 9, 1.37-10, 1. 2: “Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of the header.”</p> <p><u>Nazem</u> at 10:20-22: “Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p> <p><u>Nazem</u> at 11:12-18: “For example, the header of user front page 218 includes a button 508 labelled [sic] “myweb” which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Adding and Removing Content:</u></p>

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	<p>Adding and Removing Content from My Yahoo!</p> <p>For each My Yahoo! page you have, you can choose what content appears.</p> <p>To choose the content that appears on your page, click the Personalize Content Button (picture) on that page. The Personalize Content page displays a list of content "modules" that are available on My Yahoo! organized by category.</p> <p>To add modules to your page, click the checkbox next to the name of the module to select it. To remove a module, click the checkbox to deselect it.</p> <p>Each module can appear either on the left side of your page (the narrow part) or on the right side of your page (the wider side). Each module indicates where it will appear:</p> <ul style="list-style-type: none"> • (L) -- Appears on the Left Side • (R) -- Appears on the Right Side <p>You can add up to 20 modules to your page (left or right). It doesn't matter how many modules you have on either side of your page, but you might want to pick enough modules on each side to make your page balanced.</p> <p>Some modules are given special designations:</p> <p>This... Means...</p> <p>Items in this category are some of the most My Yahoo Essentials popular modules in My Yahoo!, you probably have a few yourself...</p> <hr/> <p>NEW! Check out this new module added to My Yahoo!</p> <hr/> <p>» Try one of the modules that we've think are worth a little extra mention.</p>

'177 Patent	My Yahoo!
	<u>Privacy Policy</u> :

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	<p>What are cookies and how does Yahoo! use them?</p> <p>As part of offering and providing customizable and personalized services, Yahoo! uses cookies to store and sometimes track information about you. A cookie is a small amount of data that is sent to your browser from a web server and stored on your computer's hard drive. All sites on Yahoo! where you are prompted to log-in or that are customizable require that you accept cookies. (See "What are my choices regarding collection, use and distribution of my information?" for more information on cookies.)</p> <p>Generally, we use cookies to:</p> <ul style="list-style-type: none"> (1) Remind us of who you are and to access your account information (stored on our computers) in order to deliver to you a better and more personalized service. This cookie is set when you register or "Sign In" and is modified when you "Sign Out" of our services. Yahoo! also uses cookies to store your zip code for other services, such as Yellow Pages. (2) Estimate our audience size. Each browser accessing Yahoo! is given a unique cookie which is then used to determine the extent of repeat usage, usage by a registered user versus by an unregistered user, and to help target advertisements based on user interests and behavior. (3) Assist merchants in Yahoo! Stores to track visits to and business at their stores, and to process the items in your shopping basket. This information collected by cookies is sometimes called "clickstream" or "click trail" and may also describe which pages you have seen in each merchant's store. (4) Track your progress and number of entries in some of our promotions, sweepstakes and contests. When a Yahoo!-hosted promotion uses cookies, the information written to the cookie indicates the player's progress through the promotion, and may be used to track entries, submissions, and status in prize drawings. (5) Measure certain traffic patterns, which areas of Yahoo!'s network of web sites you have visited, and your visiting patterns in the aggregate. We use this research to understand how our users' habits are similar or different from one another so that we can make each new experience on Yahoo! a better one. We may use this information to better personalize the content, banners, and promotions that you and other users will see on our sites. <p>Advertising networks that serve ads onto Yahoo! may also use their own cookies.</p> <p>See Note 1.</p>

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<p>2. The apparatus of claim 1 wherein the selection client is comprised of at least one of a personal computer, a wireless client, a networked cash register, a bar code scanner, and an electronic product code reader.</p>	<p><u>My Yahoo!</u> discloses wherein the selection client is comprised of at least one of a personal computer, a wireless client, a networked cash register, a bar code scanner, and an electronic product code reader. <i>E.g.</i>, See disclosure cited for claim 1.</p> <p><u>Nazem</u> at 3:20-23: “While the shared memory might include RAM (random access memory) and disk storage, in many computer systems, it is faster to store all the live data in RAM.”</p> <p><u>Nazem</u> at 4:20-25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>What is MyYahoo!?</u>:</p> <p>What is My Yahoo!?</p> <p>My Yahoo! is your own personalized version of Yahoo! After entering some simple information, My Yahoo! allows you to collect your favorite parts of Yahoo! all into one place. You can choose whatever you want to see such as news, weather, stock prices, sports scores, TV and movie listings and much more. It's kind of like your own butler bringing you your favorite sections of the newspaper and telling you about your mail and appointments for the day.</p> <p>My Yahoo! is absolutely free. To register, just click "Get your Own My Yahoo!". Be sure to tell us your interests so we can help build a page that's right for you.</p> <p>My Yahoo is also completely portable--you don't need to download anything, which means you can check My Yahoo! from work, home, school, or even a friend's house.</p> <p>These are just some of the things that makes My Yahoo! a great home page. Click Here to Make My Yahoo! your homepage.</p>

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<p>3. The apparatus of claim 2 wherein the selection client is configured to allow another person to interact with the selection client on behalf of the user.</p>	<p>See Note 2.</p> <p><u>My Yahoo!</u> discloses wherein the selection client is configured to allow another person to interact with the selection client on behalf of the user. <i>E.g.</i>, See disclosure cited for claim 2. <u>Nazem</u> at 9:4–7: “Of course, the system operator could choose to make changes to how the system operates, thus requiring changes to the user preferences and user templates.” Additionally, a person of ordinary skill in the art would readily understand that the selection client could be configured to allow another person—such as a system administrator—to interact with the selection client on behalf of the user. See Note 3.</p>
<p>4. The apparatus of claim 2 where the selection client is a wireless client, and further comprising a wireless network, and wherein the wireless client has a user interface operative to submit the indicia and the user identifier to the server.</p>	<p><u>My Yahoo!</u> discloses where the selection client is a wireless client, and further comprising a wireless network, and wherein the wireless client has a user interface operative to submit the indicia and the user identifier to the server. <i>E.g.</i>, See disclosure cited for claim 2. <u>Nazem</u> at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.” It also would have been obvious to use a wireless device which connects to a wireless network as the selection client, since wireless devices (such as mobile devices) with the capability to interact with Web pages were well known in the art. For example, <u>My Yahoo!</u> in view of U.S. Patent No. 5,995,943 (<u>Bull</u>) discloses that the selection client is a wireless client (<i>e.g.</i>, “mobile computing devices and other wireless devices”), the apparatus further comprises a wireless network, and that the wireless client has a user interface operative to submit the indicia (<i>e.g.</i>, “explicit profile information” and the user identifier (<i>e.g.</i>, “name”) to the server at, <i>e.g.</i>, <u>Bull</u> at 3:27-44, 10:53-55, 13:15-19. A person of ordinary skill in the art would have found it obvious to combine <u>My Yahoo!</u> and <u>Bull</u>. Both <u>My Yahoo!</u> and <u>Bull</u> are in the same field of art in that both relate to the distribution of information to users in a way that allows for customization. A designer of a system that provides a customizable HTML page, as disclosed in <u>My Yahoo!</u>, would have been motivated to allow a user access to the system using mobile devices, such as “personal digital assistants,” “smart telephone[s],” “mobile computing devices and other wireless devices,” as taught by <u>Bull</u>.</p>

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	<p><u>Bull</u> discloses accessing an information aggregation and synthesization system via a digital assistant or smart telephone:</p> <p>“The user initiates access to the system through a network addressable interface device (such as a personal computer, Internet Appliance, an interactive television or even a <i>personal digital assistant or smart telephone</i>). The user is then connected to the <i>information aggregation and synthesization system via a network service provider</i> (most likely through the Internet or some variation). The user <i>logs on to the system either by name, address, or with some pseudonym (or some combination)</i>. This allows the user’s activity to be tracked and establishes a log of the user’s activity during the current online experience (session). The user is also asked for <i>explicit profile information concerning preferences</i>. <i>These preferences will be used to narrow the information retrieval</i> and may be collected when the user first logs in or incrementally <i>as the user asks for specific information</i>. This profile information will be kept and updated as the individual user’s preferences change.”</p> <p><u>Bull</u> at 3:27-44 (emphasis added). A person of ordinary skill in the art would readily understand that a personal digital assistant or smart telephone comprises a wireless network. Therefore, the combination of <u>My Yahoo!</u> and <u>Bull</u> renders this claim obvious.</p> <p>See Note 4.</p>
5. The apparatus of claim 1 wherein the selection client comprises one of: a web page, a computer kiosk, and a computer readable file storage medium.	<p><u>My Yahoo!</u> discloses wherein the selection client comprises one of: a web page, a computer kiosk, and a computer readable file storage medium. <i>E.g.</i>,</p> <p>See disclosure cited for claim 1.</p> <p><u>Nazem</u> at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>Nazem</u> at 4:9-10: “FIG. 5 is an illustration of a user page generated using the global template of FIG. 4.”</p>

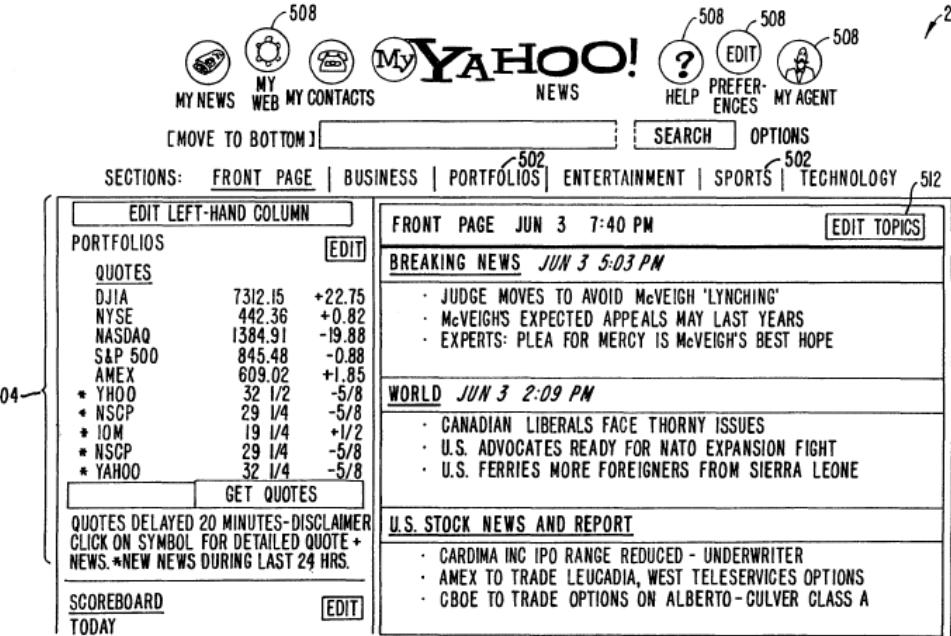
'177 Patent	My Yahoo!																														
 <p>The screenshot shows the My Yahoo! homepage with the following layout:</p> <ul style="list-style-type: none"> Top Navigation: MY NEWS, MY WEB, MY CONTACTS, My YAHOO! NEWS, HELP, PREFERENCES, MY AGENT. Search and Options: MOVE TO BOTTOM, SEARCH, OPTIONS. Sections: SECTIONS: FRONT PAGE BUSINESS PORTFOLIOS ENTERTAINMENT SPORTS TECHNOLOGY. Left Column (504 callout): <ul style="list-style-type: none"> PORTFOLIOS: EDIT LEFT-HAND COLUMN, EDIT TOPICS. QUOTES: A table showing stock prices: <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>DJIA</td><td>7312.15</td><td>+22.75</td></tr> <tr><td>NYSE</td><td>442.36</td><td>+0.82</td></tr> <tr><td>NASDAQ</td><td>1384.91</td><td>-19.88</td></tr> <tr><td>S&P 500</td><td>845.48</td><td>-0.88</td></tr> <tr><td>AMEX</td><td>609.02</td><td>+1.85</td></tr> <tr><td>* YHOO</td><td>32 1/2</td><td>-5/8</td></tr> <tr><td>* NSCP</td><td>29 1/4</td><td>-5/8</td></tr> <tr><td>* IOM</td><td>19 1/4</td><td>+1/2</td></tr> <tr><td>* NSCP</td><td>29 1/4</td><td>-5/8</td></tr> <tr><td>* YAHOO</td><td>32 1/4</td><td>-5/8</td></tr> </table> GET QUOTES, QUOTES DELAYED 20 MINUTES-DISCLAIMER, CLICK ON SYMBOL FOR DETAILED QUOTE + NEWS, *NEW NEWS DURING LAST 24 HRS. SCOREBOARD TODAY: EDIT. Right Column (218 callout): <ul style="list-style-type: none"> FRONT PAGE JUN 3 7:40 PM: EDIT TOPICS. BREAKING NEWS JUN 3 5:03 PM: <ul style="list-style-type: none"> JUDGE MOVES TO AVOID McVEIGH 'LYNCING' McVEIGH'S EXPECTED APPEALS MAY LAST YEARS EXPERTS: PLEA FOR MERCY IS McVEIGH'S BEST HOPE WORLD JUN 3 2:09 PM: <ul style="list-style-type: none"> CANADIAN LIBERALS FACE THORNY ISSUES U.S. ADVOCATES READY FOR NATO EXPANSION FIGHT U.S. FERRIES MORE FOREIGNERS FROM SIERRA LEONE U.S. STOCK NEWS AND REPORT: <ul style="list-style-type: none"> CARDIMA INC IPO RANGE REDUCED - UNDERWRITER AMEX TO TRADE LEUCADIA, WEST TELESERVICES OPTIONS CBOE TO TRADE OPTIONS ON ALBERTO-CULVER CLASS A 		DJIA	7312.15	+22.75	NYSE	442.36	+0.82	NASDAQ	1384.91	-19.88	S&P 500	845.48	-0.88	AMEX	609.02	+1.85	* YHOO	32 1/2	-5/8	* NSCP	29 1/4	-5/8	* IOM	19 1/4	+1/2	* NSCP	29 1/4	-5/8	* YAHOO	32 1/4	-5/8
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FIG. 5A.

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FIG. 5B. </p>	<table border="1"> <tbody> <tr><td>AL</td><td>DETROIT</td><td>8</td><td>F</td></tr> <tr><td></td><td>OAKLAND</td><td>9</td><td></td></tr> <tr><td>NL</td><td>SAN FRANCISCO</td><td>9</td><td>F</td></tr> <tr><td></td><td>FLORIDA</td><td>1</td><td></td></tr> <tr><td colspan="4">YESTERDAY</td></tr> <tr><td>AL</td><td>DETROIT</td><td>8</td><td>F</td></tr> <tr><td></td><td>OAKLAND</td><td>7</td><td></td></tr> <tr><td>NL</td><td>SAN FRANCISCO</td><td>2</td><td>F</td></tr> <tr><td></td><td>FLORIDA</td><td>4</td><td></td></tr> </tbody> </table>	AL	DETROIT	8	F		OAKLAND	9		NL	SAN FRANCISCO	9	F		FLORIDA	1		YESTERDAY				AL	DETROIT	8	F		OAKLAND	7		NL	SAN FRANCISCO	2	F		FLORIDA	4		<p>MAJOR LEAGUE BASEBALL JUN 3 5:15PM</p> <ul style="list-style-type: none"> • 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS • MIKE PIAZZA LEADS BALLOTTING IN NL ALL-STAR VOTING • NATIONAL LEAGUE ALL-STAR VOTING RESULTS <p>ENTERTAINMENT TOP STORIES JUN 3 6:35PM</p> <ul style="list-style-type: none"> • CLINTON REFLECTS ON MUSIC • GIFFORD: MARRIAGE IS SOLID • ROCKABILITY LEGEND HOSPITALIZED <p>506</p> <p>510</p>	504	<p>WEATHER</p> <p>EDIT</p> <table border="1"> <tbody> <tr><td>AUGUSTA, GA</td><td>63...78 F</td></tr> <tr><td>LONDON, UK</td><td>50...73 F</td></tr> <tr><td>OAKLAND, CA</td><td>59...70 F</td></tr> <tr><td>SAN JOSE, CA</td><td>54...75 F</td></tr> <tr><td colspan="2">CLICK ON CITY FOR EXTENDED FORECAST</td></tr> </tbody> </table> <p>MOVIES + FILM JUN 3 10:13AM</p> <ul style="list-style-type: none"> • FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? • NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' • 'LOST WORLD' PROPS UP SLOW BOX OFFICE 	AUGUSTA, GA	63...78 F	LONDON, UK	50...73 F	OAKLAND, CA	59...70 F	SAN JOSE, CA	54...75 F	CLICK ON CITY FOR EXTENDED FORECAST			<p>TIP: CLICKING ON THE MY YAHOO! 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<p>8. The apparatus of claim 1 wherein the indicia is provided in a visually perceptible location on at least one of: a web page, an email message, a label, a brochure, a pamphlet, a product, product documentation, a product package, a billboard, a sign, and an advertisement.</p>	<p><u>My Yahoo!</u> discloses wherein the indicia is provided in a visually perceptible location on at least one of: a web page, an email message, a label, a brochure, a pamphlet, a product, product documentation, a product package, a billboard, a sign, and an advertisement. <i>E.g.</i>,</p> <p>See disclosure cited for claim 1.</p> <p><u>Nazem</u> at 4:9-10: “FIG. 5 is an illustration of a user page generated using the global template of FIG. 4.”</p>																																																				

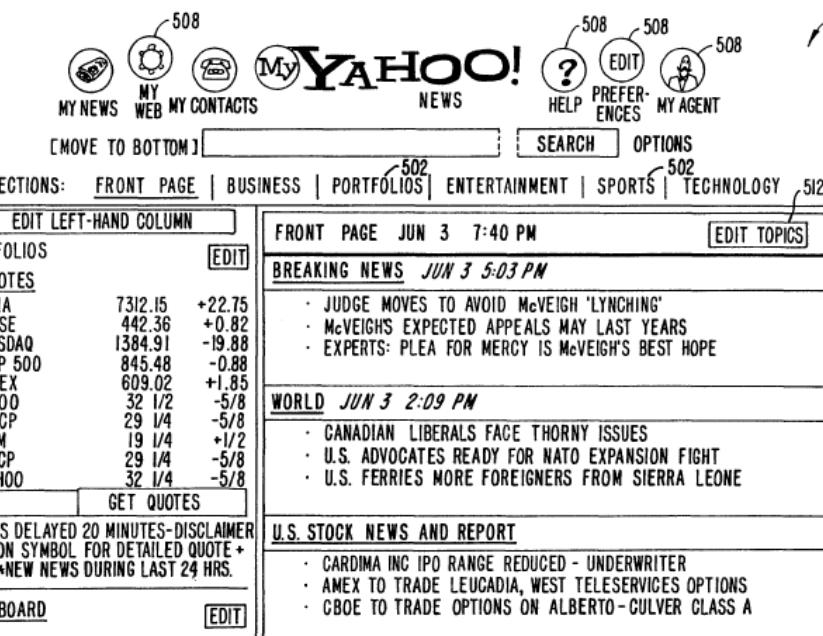
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FIG. 5A.

'177 Patent	My Yahoo!														
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Nazem at 4:20-25: "FIG. 1 shows a client-server system 100 which is used to display custom news pages. A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system."

Nazem at 7:32-36 "Since the pages are customizable and dynamic, the user would see different information each time, but the same user template would be used each time. Of course, when the user edits his or her template, any cached copy of a user template is flushed."

Nazem at 9:7-20: "User template 202 is shown comprising internal variables such as a time zone and demographic information. The demographic information, on the second line in FIG. 4 is used for selection of an advertisement which will be part of the custom page. In this example, the advertisement is targeted by the

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	<p>demographic information in the user template “:M,85,95035,T,*” indicating that a suitable ad should be targeted to a male user, age 85, located in zip code 95035, etc. As shown, the portfolio selection contains selected stock symbols, the scoreboard section contains selected team symbols, and the weather section contains selected weather cities/zip codes. The selection of stock quote symbols, team scores, and weather cities are set by the user.”</p> <p><u>Nazem</u> at 11:1-18: “Other intelligent defaults can be provided in other contexts. For example, the header of user front page 218 includes a button 508 labeled ‘myweb’ which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Home on the Web</u> at 139: “Yahoo! Mail goes further than any other free-mail account in integrating mail into the site—unlike Start and AltaVista, where e-mail is almost completely separate from the rest of the site. You can see whether you have new messages from any My Yahoo! page, and you have links into your mail from many places within the site.”</p>
9. The apparatus of claim 1 where the selection client is further operative to accept content contributions from a user.	<p><u>My Yahoo!</u> discloses where the selection client is further operative to accept content contributions from a user. <i>E.g.,</i></p> <p>See disclosure cited for claim 1.</p> <p><u>Nazem</u> at 7:32-36 “Since the pages are customizable and dynamic, the user would see different information each time, but the same user template would be used each time. Of course, when the user edits his or her template, any cached copy of a user template is flushed.”</p> <p><u>Nazem</u> at 9:2-4: “Essentially, user template 202 contains the information about the user which does not change until the user changes his or her preferences.”</p> <p><u>Nazem</u> at 9:26-34: “FIG. 5 is an illustration of a user front page 218 returned by page server 104. User front page 218 as shown in FIG. 5 includes many elements, some of which are described here in further detail. User front page is built according to a user template and live data. The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc. Each of the modules 504 can be customized by a user and moved about front page 218.”</p> <p><u>Nazem</u> at 10:11-15: “In addition to being able to modify each of the modules, in many cases the order of appearance of the modules is customizable. For example, the order of the various sections of user template 202 shown in FIG. 4 is not fixed.”</p> <p><u>Nazem</u> at 10:16-20: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache</p>

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	<p>and regenerated. Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p> <p><u>Nazem</u> at 11:12-18: “For example, the header of user front page 218 includes a button 508 labelled [sic] “myweb” which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Home on the Web</u> at 139: “Yahoo! Mail goes further than any other free-mail account in integrating mail into the site—unlike Start and AltaVista, where e-mail is almost completely separate from the rest of the site. You can see whether you have new messages from any My Yahoo! page, and you have links into your mail from many places within the site.”</p> <p><u>Home on the Web</u> at 137, 139: “A wealth of modules is available including music album releases, favorite bookmarks, horoscopes, weather, upcoming Net events and chats, technology headlines, stock portfolios, business news, and the latest posts from your favorite Yahoo! message boards. Putting all this customized material in one place gives users an incentive to make My Yahoo! their default page.”</p> <p><u>Home on the Web</u> at 139: “Should you decide to create a stock portfolio on the My Yahoo! finance page, the page automatically generates news headlines for each company you’re following.”</p> <p><u>Home on the Web</u> at 139: “The message boards are very popular and have quite a variety of available topics . . .”</p> <p>See Note 5.</p>
10. The apparatus of claim 1 where the retrieval client is further operative to allow a user to manage any content contributed by them.	<p><u>My Yahoo!</u> discloses where the retrieval client is further operative to allow a user to manage any content contributed by them. <i>E.g.</i>,</p> <p>See disclosure cited for claim 1.</p> <p><u>Nazem</u> at 7:32-36 “Since the pages are customizable and dynamic, the user would see different information each time, but the same user template would be used each time. Of course, when the user edits his or her template, any cached copy of a user template is flushed.”</p> <p><u>Nazem</u> at 9:2-4: “Essentially, user template 202 contains the information about the user which does not change until the user changes his or her preferences.”</p> <p><u>Nazem</u> at 9:26-34: “FIG. 5 is an illustration of a user front page 218 returned by page server 104. User front page 218 as shown in FIG. 5 includes many elements, some of which are described here in further detail. User front page is built according to a user template and live data. The user template specifies, for example which</p>

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	<p>quotes are shown in the portfolio module, which cities are displayed in the weather module, etc. Each of the modules 504 can be customized by a user and moved about front page 218.”</p> <p><u>Nazem</u> at 10:11-15: “In addition to being able to modify each of the modules, in many cases the order of appearance of the modules is customizable. For example, the order of the various sections of user template 202 shown in FIG. 4 is not fixed.”</p> <p><u>Nazem</u> at 10:16–20: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache and regenerated. Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p> <p><u>Nazem</u> at 11:12-18: “For example, the header of user front page 218 includes a button 508 labelled [sic] “myweb” which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Home on the Web</u> at 139: “Should you decide to create a stock portfolio on the My Yahoo! finance page, the page automatically generates news headlines for each company you’re following.”</p> <p><u>Home on the Web</u> at 139: “The message boards are very popular and have quite a variety of available topics . . .”</p> <p>See Note 6.</p>
<p>11. An apparatus for distributing content through one or more distributed information access points to a centralized access point of a user, comprising:</p>	<p><u>My Yahoo!</u> discloses an apparatus for distributing content through one or more distributed information access points to a centralized access point of a user. <i>E.g.</i>,</p> <p>See disclosure cited for the preamble of claim 1.</p>
<p>(a) at least one server operative to store one or more of: a) content, b) links to content, c) information about content, and d) information about users including information about which content a user has chosen;</p>	<p><u>My Yahoo!</u> discloses at least one server operative to store one or more of: a) content, b) links to content, c) information about content, and d) information about users including information about which content a user has chosen. <i>E.g.</i>,</p> <p>See disclosure cited for claim 1 at element (a).</p>

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<p>(b) a centralized access point of a user accessible via a communications link and operative to provide the user with access to content chosen by or for the user</p>	<p><u>My Yahoo!</u> discloses a centralized access point of a user accessible via a communications link and operative to provide the user with access to content chosen by or for the user. <i>E.g.</i>, <u>Nazem</u> at 4:1-3: “FIG. 2 is a schematic diagram showing how a user’s custom page is generated from a user configuration, a global template and live data.”</p> <p><u>Nazem</u> at 4:20-25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>Nazem</u> at 6:6-12: “FIG. 2 shows in more detail the generation of a custom page for a user, using a front page generator 200 and page server 104. Front page generator 200 generates a user configuration record 206. FIG. 3 shows an example of a global front page template. User configuration record 206 is a record selected from user configuration database 116.”</p> <p><u>Nazem</u> at 6:22-24: “Using user templates and a shared memory for the live data, page server 104 can quickly build custom pages in response to a user request. Where the user template is cached, the page can be generated entirely within page server 104.”</p>

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	<p>2/7</p> <p><i>FIG. 2.</i></p> <p><u>Nazem</u> at 4:26–32: “The art of client-server systems using HTTP (HyperText Transport Protocol) messaging or other protocols is well known and will not be addressed in detail here. Essentially, browser 102 makes a request for a particular page by specifying a Uniform Resource Locator (‘URL’) for the page. In the example shown in FIG. 1, the request is directed to the URL ‘http://my.yahoo.com/’.”</p> <p><u>Nazem</u> at 6:16–20: “Page server 104 is shown comprising a page generator 210, a shared memory 212 for storing live data and a cache 214 for caching user templates such as user template 202. Page generator 210 generates a custom front page 218 from a user template and the live data stored in shared memory 212.”</p> <p><u>Nazem</u> at 9:26–32: “FIG. 5 is an illustration of a user front page 218 returned by page server 104. User front page</p>

218 as shown in FIG. 5 includes many elements, some of which are described here in further detail. User front page 218 is built according to a user template and live data. The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc."

FIG. 5A.

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	<p style="text-align: center;">My Yahoo!</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; vertical-align: top; padding: 5px;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> AL DETROIT 8 F AL OAKLAND 9 F NL SAN FRANCISCO 9 F NL FLORIDA 1 YESTERDAY AL DETROIT 8 F AL OAKLAND 7 F NL SAN FRANCISCO 2 F NL FLORIDA 4 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> WEATHER EDIT 504 AUGUSTA, GA 63...78 F LONDON, UK 50...73 F OAKLAND, CA 59...70 F SAN JOSE, CA 54...75 F CLICK ON CITY FOR EXTENDED FORECAST </div> </td> <td style="width: 85%; vertical-align: top; padding: 5px;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> MAJOR LEAGUE BASEBALL JUN 3 5:15PM <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> ENTERTAINMENT TOP STORIES JUN 3 6:35PM <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> MOVIES + FILM JUN 3 10:13AM <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="text-align: center; margin-top: 10px;"> 504 </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="margin: 0;">TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE.</p> <p style="margin: 0; text-align: right;">YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL</p> </div> </td> </tr> <tr> <td style="text-align: center; vertical-align: middle; padding: 10px;"> FIG. 5. </td> <td style="text-align: center; vertical-align: middle; padding: 10px;"> FIG. 5A. FIG. 5B. </td> </tr> </table>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> AL DETROIT 8 F AL OAKLAND 9 F NL SAN FRANCISCO 9 F NL FLORIDA 1 YESTERDAY AL DETROIT 8 F AL OAKLAND 7 F NL SAN FRANCISCO 2 F NL FLORIDA 4 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> WEATHER EDIT 504 AUGUSTA, GA 63...78 F LONDON, UK 50...73 F OAKLAND, CA 59...70 F SAN JOSE, CA 54...75 F CLICK ON CITY FOR EXTENDED FORECAST </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> MAJOR LEAGUE BASEBALL JUN 3 5:15PM <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> ENTERTAINMENT TOP STORIES JUN 3 6:35PM <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> MOVIES + FILM JUN 3 10:13AM <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="text-align: center; margin-top: 10px;"> 504 </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="margin: 0;">TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE.</p> <p style="margin: 0; text-align: right;">YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL</p> </div>	FIG. 5.	FIG. 5A. FIG. 5B.
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> AL DETROIT 8 F AL OAKLAND 9 F NL SAN FRANCISCO 9 F NL FLORIDA 1 YESTERDAY AL DETROIT 8 F AL OAKLAND 7 F NL SAN FRANCISCO 2 F NL FLORIDA 4 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> WEATHER EDIT 504 AUGUSTA, GA 63...78 F LONDON, UK 50...73 F OAKLAND, CA 59...70 F SAN JOSE, CA 54...75 F CLICK ON CITY FOR EXTENDED FORECAST </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> MAJOR LEAGUE BASEBALL JUN 3 5:15PM <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> ENTERTAINMENT TOP STORIES JUN 3 6:35PM <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> MOVIES + FILM JUN 3 10:13AM <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="text-align: center; margin-top: 10px;"> 504 </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="margin: 0;">TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE.</p> <p style="margin: 0; text-align: right;">YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL</p> </div>				
FIG. 5.	FIG. 5A. FIG. 5B.				

FIG. 5B.



GO TO
YAHOO!

CHANGE
USER

Nazem at 9:37–10:2: “Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of the header.”

Nazem at 10:20–22: “Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”

Nazem at 11:12–18: “For example, the header of user front page 218 includes a button 508 labelled [sic] “myweb” which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that

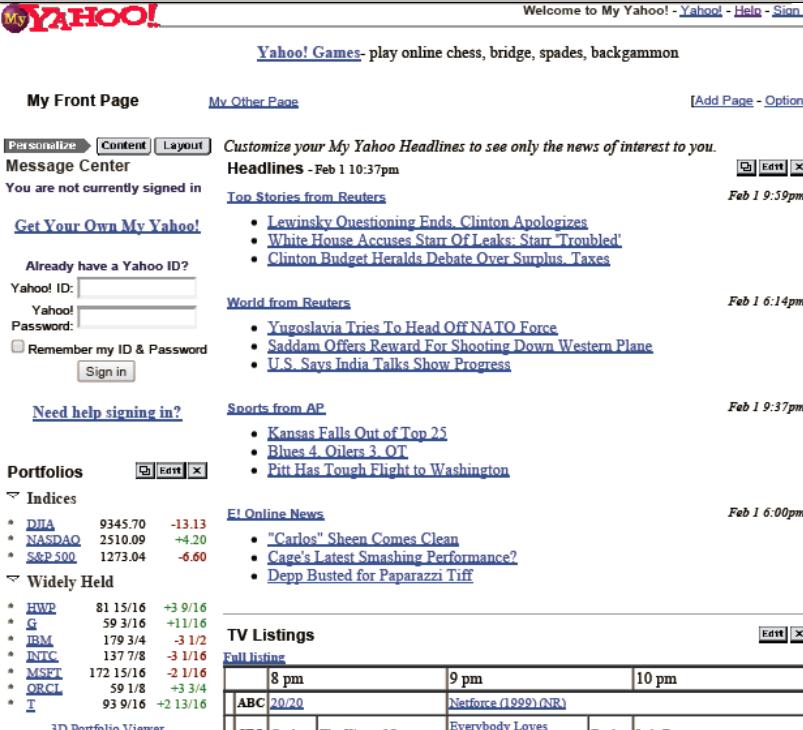
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	<p>custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Nazem</u> at Appendix B.</p>
<p>(c) at least one distributed information access point accessible via a communications link and operative to implement one or more of: a) list one or more content objects, b) allow a user to choose content for addition to their centralized access point, and c) provide the user with logon access to their centralized access point;</p>	<p><u>My Yahoo!</u> discloses a distributed information access point accessible via a communications link and operative to implement one or more of: a) list one or more content objects, b) allow a user to choose content for addition to their centralized access point, and c) provide the user with logon access to their centralized access point. <i>E.g.</i>, <u>Nazem</u> at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>Nazem</u> at 4:26–32: “The art of client-server systems using HTTP (HyperText Transport Protocol) messaging or other protocols is well known and will not be addressed in detail here. Essentially, browser 102 makes a request for a particular page by specifying a Uniform Resource Locator (‘URL’) for the page. In the example shown in FIG. 1, the request is directed to the URL ‘http: /my. yahoo. com/’.”</p> <p><u>Nazem</u> at 8:27–39; Appendix A: “FIG. 4 is an illustration of user template 202 as might be generated from global user template 204 (see Fig. 3) and a user configuration record 206. A full listing of user template 202 is included herewith in Appendix A. User template 202 is determined by the user configuration and is independent of the live data, therefore it can be cached without needing to be updated, unless the user chooses to edit the configuration information.”</p> <p><u>Nazem</u> at 9:2–4; “Essentially, user template 202 contains the information about the user which does not change until the user changes his or her preferences.”</p> <p><u>Nazem</u> at 9:30–10:2: “The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc. Each of the modules 504 can be customized by a user and moved about front page 218. The modules 504 are also reusable, in that any customized module which appears on multiple pages can be edited from any one of those pages and the edits will be reflected on each of the pages. Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of the header.”</p> <p><u>Nazem</u> at 10:16–20; Fig. 5: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache and regenerated. Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p>

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FIG. 5A.

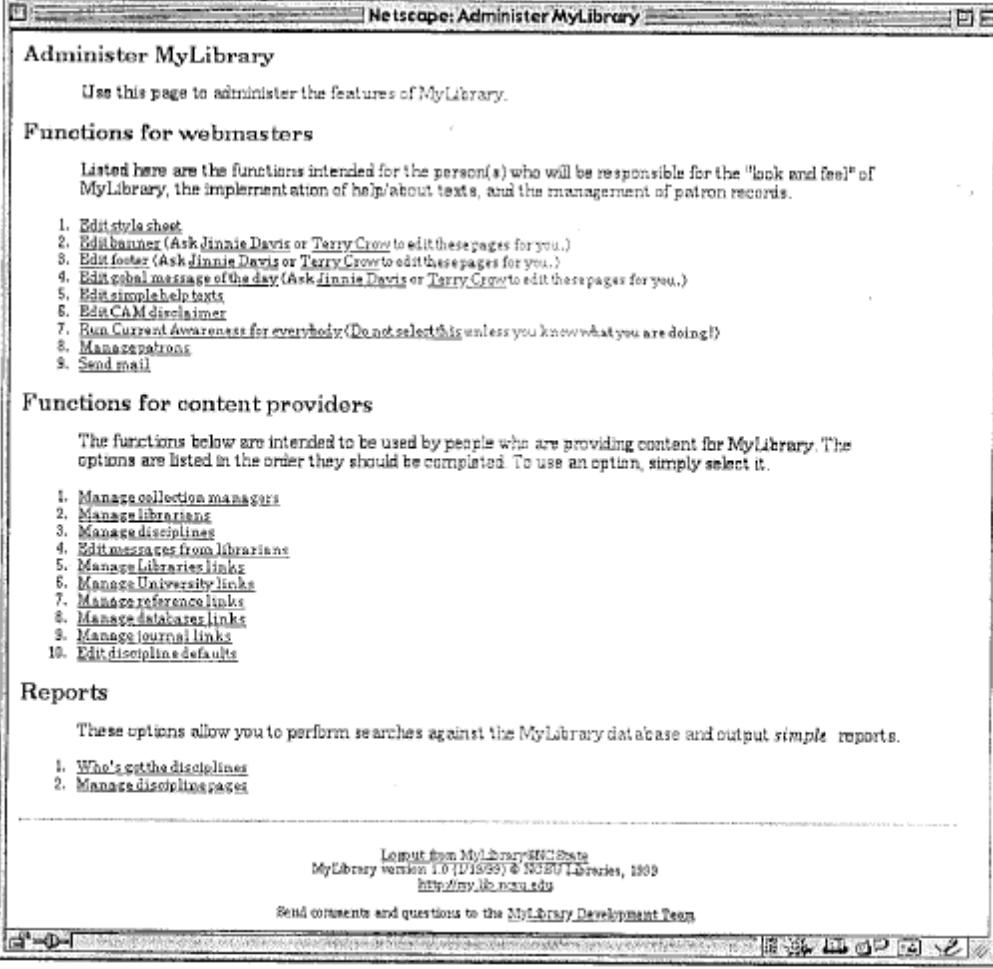
'177 Patent	My Yahoo!																																												
	<p style="text-align: center;">My Yahoo!</p> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"><u>AL</u></td> <td style="width: 40%;">DETROIT</td> <td style="width: 10%; text-align: right;">8</td> <td style="width: 10%; text-align: right;">F</td> </tr> <tr> <td><u>NL</u></td> <td>OAKLAND</td> <td style="text-align: right;">9</td> <td style="text-align: right;">F</td> </tr> <tr> <td><u>NL</u></td> <td>SAN FRANCISCO</td> <td style="text-align: right;">9</td> <td style="text-align: right;">F</td> </tr> <tr> <td></td> <td>FLORIDA</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td colspan="4">YESTERDAY</td> </tr> <tr> <td><u>AL</u></td> <td>DETROIT</td> <td style="text-align: right;">8</td> <td style="text-align: right;">F</td> </tr> <tr> <td><u>NL</u></td> <td>OAKLAND</td> <td style="text-align: right;">7</td> <td></td> </tr> <tr> <td><u>NL</u></td> <td>SAN FRANCISCO</td> <td style="text-align: right;">2</td> <td style="text-align: right;">F</td> </tr> <tr> <td></td> <td>FLORIDA</td> <td style="text-align: right;">4</td> <td></td> </tr> </table> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>WEATHER EDIT</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">AUGUSTA, GA</td> <td style="width: 80%; text-align: right;">63...78 F</td> </tr> <tr> <td>LONDON, UK</td> <td style="text-align: right;">50...73 F</td> </tr> <tr> <td>OAKLAND, CA</td> <td style="text-align: right;">59...70 F</td> </tr> <tr> <td>SAN JOSE, CA</td> <td style="text-align: right;">54...75 F</td> </tr> </table> <p>CLICK ON CITY FOR EXTENDED FORECAST</p> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>MAJOR LEAGUE BASEBALL JUN 3 5:15PM</p> <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS <p>ENTERTAINMENT TOP STORIES JUN 3 6:35PM</p> <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED <p style="text-align: center;">506 510</p> <p>MOVIES + FILM JUN 3 10:13AM</p> <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px; text-align: center;"> <p>504</p> </div> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px; font-size: small;"> <p>TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE.</p> <p style="text-align: right;">YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>FIG. 5B.</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>FIG. 5A.</p> </div> <div style="text-align: center; margin-top: 10px;"> <p>FIG. 5B.</p> </div> <div style="text-align: right; margin-top: 20px;">  <p>YAHOO! GO TO YAHOO!</p> <p>CHANGE USER</p> </div> <p style="text-align: center; margin-top: 20px;"> Nazem at 10:23–11:10: “Referring now to FIG. 6, an illustration of intelligent defaulting for populating a user template, and consequently a user summary page. As part of a registration process, a user indicates, among other things, his or her zip code. This zip code is used to locate an approximate longitude and latitude for the user using a zip code lookup table 602. This allows the user's location to be located on a map 604. Map 604 provides city boundaries and, with team location table 606, also provides locations for various sports teams which can be selected in a sports module. In selecting a default predetermined number of cities and sports teams for inclusion as initial selections for a particular user, a circle is drawn around the user and increased in diameter until the circle envelopes a suitable predetermined number of cities and sports teams. In this way, each user is guaranteed </p>	<u>AL</u>	DETROIT	8	F	<u>NL</u>	OAKLAND	9	F	<u>NL</u>	SAN FRANCISCO	9	F		FLORIDA	1		YESTERDAY				<u>AL</u>	DETROIT	8	F	<u>NL</u>	OAKLAND	7		<u>NL</u>	SAN FRANCISCO	2	F		FLORIDA	4		AUGUSTA, GA	63...78 F	LONDON, UK	50...73 F	OAKLAND, CA	59...70 F	SAN JOSE, CA	54...75 F
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	<p>a default number of nearby teams and cities for sports and weather, respectively. While this assumes that the user is interested in only the teams nearest the user, the system can be arranged to provide intelligent defaults where geographic anomalies are known to exist. Geographic anomalies occur in communities which have more loyalty to distant teams than nearby teams, such as might occur when the distant team is much better than the nearby team or when the nearby team recently moved to a distant location. In any case, the user is allowed to customize his or her pages beginning with the intelligent defaults selected.”</p> <p><u>Nazem</u> at 11:11–18: “Other intelligent defaults can be provided in other contexts. For example, the header of user front page 218 includes a button 508 labelled[sic] “myweb” which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”</p> <p><u>Nazem</u> at Appendix B.</p> <p><u>Home on the Web</u> at 137: “With its unparalleled directory search and excellent news and finance tools, Yahoo! is clearly one of the premier Web portals. My Yahoo! is a great personalization site within a site”</p> <p><u>Home on the Web</u> at 137: Register once and you will be signed up for all of Yahoo!’s services, including chat, e-mail, and classifieds.”</p> <p><u>Home on the Web</u> at 137: “My Yahoo! is a series of personalized pages that are far more elaborate than other ‘My’ pages. It is broken down into 12 sections, including Front Page, Health, News, Travel, and Computers, each of which can be independently configured. In effect you are customizing an entire site, not just one page. For each section you choose the types of content (<i>modules</i>) you wish to include, and you select where there should appear on the page.”</p> <p><u>Home on the Web</u> at 139: “Yahoo! Mail goes further than any other free-mail account in integrating mail into the site—unlike Start and AltaVista, where e-mail is almost completely separate from the rest of the site. You can see whether you have new messages from any My Yahoo! page, and you have links into your mail from many places within the site.”</p> <p><u>Home on the Web</u> at 139: “Should you decide to create a stock portfolio on the My Yahoo! finance page, the page automatically generates news headlines for each company you’re following.”</p> <p><u>my.yahoo.com</u> at 1: disclosing a default “My Front Page” with links listed in various categories including “Headlines,” “TV Listings,” and “Portfolios,” with links or buttons to “Sign in,” “Edit,” and personalize “Content” or “Layout.”</p>

'177 Patent	<h3>My Yahoo!</h3>  <p>The screenshot shows the My Yahoo! homepage. At the top, there's a navigation bar with 'My YAHOO!' logo, 'Welcome to My Yahoo!', 'Yahoo!', 'Help', and 'Sign In'. Below the logo, there's a banner for 'Yahoo! Games' with a link to play online chess, bridge, spades, and backgammon. The main content area is divided into several sections: 'My Front Page' (with 'Personalize', 'Content', and 'Layout' buttons), 'Message Center' (not signed in), 'Get Your Own My Yahoo!', 'Already have a Yahoo ID?' (input fields for 'Yahoo! ID', 'Yahoo!', 'Password', and a 'Sign in' button), 'Need help signing in?' (link), 'Portfolios' (with 'Indices' and 'Widely Held' sections showing stock data like DJIA, NASDAQ, S&P 500, and HWP, IBM, INTC, MSFT, ORCL, and T), 'Headlines' (from Feb 1, 10:37pm, including stories about Lewinsky, Clinton, and the Clinton budget), 'Top Stories from Reuters' (from Feb 1, 9:59pm, about Yugoslavia, Saddam, and U.S. India talks), 'World from Reuters' (from Feb 1, 6:14pm, about NATO, Iraq, and U.S. India talks), 'Sports from AP' (from Feb 1, 9:37pm, about Kansas, Blues, and Pitt), 'E! Online News' (from Feb 1, 6:00pm, about Sheen, Cage, and Depp), and 'TV Listings' (a table for 8 pm, 9 pm, and 10 pm showing shows like '20/20' and 'Everybody Loves Ray').</p>
<p>(d) and an administrative interface in communication with the server and operative to create groupings of content into one or more distributed information access points;</p>	<p><u>My Yahoo!</u> discloses an administrative interface in communication with the server and operative to create groupings of content into one or more distributed information access points. <i>E.g.</i>, <u>Nazem</u> at 5:18-30: “Page servers 104 obtain the live data from many disparate sources and reformat the data into a form suitable for use by the page server. Page servers 104 are coupled, via a network, to edit servers 112, which are used when a user changes his or her user template. The user templates are stored in a user configuration database, 116 and are stored and provided to edit servers by a network appliance 114 written for this purpose. Network appliance 114 is a process tuned to quickly locate files in large directories (N400 files/directory) and return them to the edit servers or page servers.”</p> <p><u>Nazem</u> at 9:4-7: “Of course, the system operator could choose to make changes to how the system operates, thus requiring changes to the user preferences and user templates.”</p>

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	<p><u>Nazem</u> at 3:3-17: “An improved custom page server is provided by virtue of the present invention. In one embodiment, user preferences are organized into templates stored in compact data structures and the live data used to fill the templates is stored local to the page server which is handling user requests for custom pages. One process is executed on the page server for every request. The process is provided a user template for the user making the request, where the user template is either generated from user preferences or retrieved from a cache of recently used user templates. Each user process is provided access to a large region of shared memory which contains all of the live data needed to fill any user template. Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like.”</p> <p><u>Nazem</u> at 23, claim 9: “collecting current security quotes for each of a plurality of selectable securities; collecting current sports news and scores for each of a plurality of selectable sports events; collecting current news headlines which reference news articles; formatting the current security quotes, current sports news and current news headlines into a data structure stored in a shared memory;”</p> <p>It also would have been obvious to use an administrative interface in communication with the server to create groupings of content into one or more distributed information access points, since interfaces of various types, including administrative interfaces were well known in the art. For example, <u>My Yahoo!</u> in view of Eric Lease Morgan, <i>MyLibrary A Model for Implementing a User-centered, Customizable Interface to a Library’s Collection of Information Resources</i>, arXiv.org (Feb. 3, 1999) (“<u>MyLibrary</u>”) and the system described in the publication (“<u>MyLibrary NCState</u>”) disclose an administrative interface in communication with the server to create groupings of content into one or more distributed information access points.</p> <p><u>MyLibrary</u> at 6–7: “Administrative interface”</p> <p>“Maintenance of MyLibraryNCState system is done through an administration interface. The interface is a menu of hypertext links protected by a simple username/password access control system. The administration menu allows administrators to create, modify, or delete just about any content item in the system’s database. The most important item in the menu is the list of academic disciplines since each and every other item in the system is somehow related to this list. Other important content times include:</p> <ul style="list-style-type: none"> • the names and contact information of librarians • links and descriptions of information resources (databases, journals, etc.) • help texts, • global message and messages from the librarians • the system’s header and footer

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	<p>“To create, modify, or delete any of these items the authorized librarian selects an item from the menu and completes the resulting form. Changes take place immediately.”</p> <p><u>MyLibrary</u> at 7, figure captioned “A screen dump of the MyLibrary@NCState administrative interface.”</p>

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	 <p>A screen dump of the MyLibrary@NCState administrative interface.</p>

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	<p>A person of ordinary skill in the art would have found it obvious to combine <u>My Yahoo!</u> and <u>MyLibrary</u> or <u>MyLibrary@NCState</u>. <u>My Yahoo!</u>, <u>MyLibrary</u>, and <u>MyLibrary@NCState</u> are in the same field of art in that all relate to the distribution of information to users in a way that allows for customization. A designer of a system for providing customized information to a user who accesses a document at a site on a computer network like the Internet or an intranet, as disclosed in <u>My Yahoo!</u> would have been motivated to allow administrators to create groupings of content as taught by <u>MyLibrary</u> and <u>MyLibrary@NCState</u>.</p> <p>See Note 7.</p>
<p>(e) wherein a user is enabled with the capability to log on to their centralized access point from one or more distributed information access point(s) and access content chosen from one or more distributed information access point(s).</p>	<p><u>My Yahoo!</u> discloses wherein a user is enabled with the capability to log on to their centralized access point from one or more distributed information access point(s) and access content chosen from one or more distributed information access point(s). <i>E.g.</i>,</p> <p><u>Nazem</u> at 5:11–17: “When a page server receives the URL for its root directory, it interprets that as a request for the user's custom summary page. The user is determined not from the URL, but from a “cookie” provided by browser 102 with the URL. Cookies are strings of data stored by browsers and sent along with any request to a URL having a domain associated with the cookie.”</p> <p><u>Nazem</u> at 8:18–22: “if the assignment of a user to a single page server is desired, name server 108 (see FIG. 1) will use the user name from the provided cookie or the user's IP address to assign a page server based on a hash of the user name or IP address.”</p> <p><u>Nazem</u> at 3:3–17: “An improved custom page server is provided by virtue of the present invention. In one embodiment, user preferences are organized into templates stored in compact data structures and the live data used to fill the templates is stored local to the page server which is handling user requests for custom pages. One process is executed on the page server for every request. The process is provided a user template for the user making the request, where the user template is either generated from user preferences or retrieved from a cache of recently used user templates. Each user process is provided access to a large region of shared memory which contains all of the live data needed to fill any user template. Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like.”</p> <p><u>Nazem</u> at 23, claim 1: “response means for responding to a request with an information page containing dynamic information from the data structure formatted according to the template generated for the user making the request.”</p> <p><u>Nazem</u> at 23, claim 9: “in response to the request reading a user template for the user from a template database, wherein the user template describes a layout of a custom news page customized for the user;”</p> <p><u>Nazem</u> at 23, claim 9: “populating a page based on the read user template and the current data stored in the data</p>

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	<p>structure in the shared memory to form a custom news page; and providing the custom news page to the user in real-time response to the request.”</p> <p><u>Home on the Web</u> at 137: Register once and you will be signed up for all of Yahoo!'s services, including chat, e-mail, and classifieds.”</p> <p><u>How do I Register?</u>:</p> <p>If you want to register to use Yahoo!'s personalized services, just follow the instructions for New Users on the login page. During registration, you will be asked to create a Yahoo! ID and password of your choice.</p> <p>Please Note: A Yahoo! ID cannot contain special characters or spaces. After you've registered, you can use this same ID and password for all of Yahoo!'s services.</p> <p>See Note 8.</p>
12. The apparatus of claim 11 wherein the distributed information access point comprises one or more of: a) a web page; b) a plurality of web pages; c) a portion of a web page; d) an email message; and e) a portion of an email message.	<p><u>My Yahoo!</u> discloses wherein the distributed information access point comprises one or more of: a) a web page; b) a plurality of web pages; c) a portion of a web page; d) an email message, and e) a portion of an email message. <i>E.g.</i>,</p> <p>See disclosure cited for claim 11.</p> <p><u>Nazem</u> at 4:20-25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”</p> <p><u>Nazem</u> at 9:26-34: “FIG. 5 is an illustration of a user front page 218 returned by page server 104. User front page 218 as shown in FIG. 5 includes many elements, some of which are described here in further detail. User front page is built according to a user template and live data. The user template specifies, for example which quotes are shown in the portfolio module, which cities are displayed in the weather module, etc. Each of the modules 504 can be customized by a user and moved about front page 218.”</p> <p><u>Nazem</u> at 9, 1.37-10, 1. 2: “Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of</p>

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	<p>the header.”</p> <p><u>Nazem</u> at 10:20-22: “Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p> <p><u>Home on the Web</u> at 139: “Yahoo! Mail goes further than any other free-mail account in integrating mail into the site—unlike Start and AltaVista, where e-mail is almost completely separate from the rest of the site. You can see whether you have new messages from any My Yahoo! page, and you have links into your mail from many places within the site.”</p>
<p>13. The apparatus of claim 11 wherein the distributed information access point is further operative to accept content contributions from a user.</p>	<p><u>My Yahoo!</u> discloses wherein the distributed information access point is further operative to accept content contributions from a user. <i>E.g.</i>,</p> <p>See disclosure cited for claims 11 and 9.</p> <p>See Note 5.</p>
<p>14. The apparatus of claim 11 wherein the centralized access point is further operative to enable a user to manage any content contributed by them.</p>	<p><u>My Yahoo!</u> discloses wherein the centralized access point is further operative to enable a user to manage any content contributed by them. <i>E.g.</i>,</p> <p>See disclosure cited for claims 11 and 9.</p> <p>See Note 6.</p>
<p>15. The apparatus of claim 11 wherein the administrative interface is further operative to manage content contributed by users.</p>	<p><u>My Yahoo!</u> discloses wherein the administrative interface is further operative to manage content contributed by users. <i>E.g.</i>,</p> <p>See disclosure cited for claims 11.</p> <p><u>Nazem</u> at 9:4–7: “Of course, the system operator could choose to make changes to how the system operates, thus requiring changes to the user preferences and user templates.”</p> <p><u>Nazem</u> at 10:16-19: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache and regenerated.”</p> <p><u>Nazem</u> at 7:32-36 “Since the pages are customizable and dynamic, the user would see different information each time, but the same user template would be used each time. Of course, when the user edits his or her template, any cached copy of a user template is flushed.”</p> <p><u>Nazem</u> at 5:18-30: “Page servers 104 obtain the live data from many disparate sources and reformat the data into a form suitable for use by the page server. Page servers 104 are coupled, via a network, to edit servers 112,</p>

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	<p>which are used when a user changes his or her user template. The user templates are stored in a user configuration database, 116 and are stored and provided to edit servers by a network appliance 114 written for this purpose. Network appliance 114 is a process tuned to quickly locate files in large directories (N400 files/directory) and return them to the edit servers or page servers.”</p> <p>See Note 9.</p>
16. A method of distributing content through distributed information access points, comprising:	<p><u>My Yahoo!</u> discloses a method of distributing content through distributed information access points. <i>E.g.</i>, See disclosure cited for the preamble of claim 11.</p> <p><u>Nazem</u> at 23, claim 9: “A method of serving custom news pages, comprising the steps of:”</p>
(a) providing a database on a server accessible over a communication link capable of storing information about: a) content, and b) users;	<p><u>My Yahoo!</u> discloses providing a database on a server accessible over a communication link capable of storing information about: a) content, and b) users. <i>E.g.</i>, See disclosure cited for element (a) of claim 11.</p> <p><u>Nazem</u> at 23, claim 9: “in response to the request reading a user template for the user from a template database, wherein the user template describes a layout of a custom news page customized for the user;”</p>
(b) assembling content into one or more distributed information access points which are in communication with the database over the communication link;	<p><u>My Yahoo!</u> discloses assembling content into one or more distributed information access point which are in communication with the database over the communication link. <i>E.g.</i>, See disclosure cited for element (d) of claim 11.</p> <p><u>Nazem</u> at 23, claim 9: “collecting current security quotes for each of a plurality of selectable securities; collecting current sports news and scores for each of a plurality of selectable sports events; collecting current news headlines which reference news articles; formatting the current security quotes, current sports news and current news headlines into a data structure stored in a shared memory;”</p> <p>See Note 7.</p>
(c) presenting one or more distributed information access points to one or more potential users at a visually perceptible location;	<p><u>My Yahoo!</u> discloses presenting one or more distributed information access points to one or more potential users at a visually perceptible location. <i>E.g.</i>, See disclosure cited for element (c) of claim 11.</p> <p><u>Nazem</u> at 23, claim 9: “populating a page based on the read user template and the current data stored in the data structure in the shared memory to form a custom news page; and providing the custom news page to the user in real-time response to the request.”</p>
(d) selecting content from one	<p><u>My Yahoo!</u> discloses selecting content from one or more of an entire range of distributed information access</p>

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or more of an entire range of distributed information access points for addition to a centralized access point of the particular user; and	<p>points for addition to a centralized access point of the particular user. <i>E.g.</i>,</p> <p><u>Nazem</u> at 9:15-20: “As shown, the portfolio section contains selected stock symbols, the scoreboard section contains selected team symbols, and the weather section contains selected weather cities/zip codes. The selections of stock quote symbols, team scores, and weather cities are set by the user.”</p> <p><u>Nazem</u> at 9:33–10:1: “Each of the modules 504 can be customized by a user and moved about front page 218. The modules 504 are also reusable, in that any customized module which appears on multiple pages can be edited from any one of those pages and the edits will be reflected on each of the pages. Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of the header.”</p> <p><u>Nazem</u> at 10:16–20: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache and regenerated. Since each of the news stories is essentially a static page linked to a headline shown in the news section, these can simply be linked to static pages on a news server.”</p> <p><u>Nazem</u> at 11:8–10: “In any case, the user is allowed customize his or her pages beginning with the intelligent defaults selected.”</p> <p><u>Nazem</u> at 23, claim 9: “collecting current security quotes for each of a plurality of selectable securities; collecting current sports news and scores for each of a plurality of selectable sports events; collecting current news headlines which reference news articles; formatting the current security quotes, current sports news and current news headlines into a data structure stored in a shared memory;”</p> <p><u>Home on the Web</u> at 137: “My Yahoo! is a series of personalized pages that are far more elaborate than other ‘My’ pages. It is broken down into 12 sections, including Front Page, Health, News, Travel, and Computers, each of which can be independently configured. In effect you are customizing an entire site, not just one page. For each section you choose the types of content (<i>modules</i>) you wish to include, and you select where there should appear on the page.”</p> <p><u>Home on the Web</u> at 137, 139: “A wealth of modules is available including music album releases, favorite bookmarks, horoscopes, weather, upcoming Net events and chats, technology headlines, stock portfolios, business news, and the latest posts from your favorite Yahoo! message boards. Putting all this customized material in one place gives users an incentive to make My Yahoo! their default page.”</p> <p><u>Home on the Web</u> at 139: “Should you decide to create a stock portfolio on the My Yahoo! finance page, the page automatically generates news headlines for each company you’re following.”</p>
(e) accessing the centralized	<u>My Yahoo!</u> discloses accessing the centralized access point of the particular user from one or more distributed

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access point of the particular user from one or more distributed information access points to gain access to the selected content.	information access points to gain access to the selected content. <i>E.g.</i> , See disclosure cited for elements (c) and (e) of claim 11. See Note 8.
17. The method of claim 16 wherein selecting and accessing are implemented by the particular user.	<p><u>My Yahoo!</u> discloses wherein selecting and accessing are implemented by the particular user. <i>E.g.</i>, See disclosure cited for claim 16.</p> <p><u>Nazem</u> at 5:11-14: “When a page server receives the URL for its root directory, it interprets that as a request for the user’s summary page. The user is determined not from the URL, but from a “cookie” provided by browser 102 with the URL.”</p> <p><u>Nazem</u> at 8:18-22: “if the assignment of a user to a single page server is desired, name server 108 (see FIG. 1) will use the user name from the provided cookie or the user’s IP address to assign a page server based on a hash of the user name or IP address.”</p> <p><u>Nazem</u> at 3:3-17: “An improved custom page server is provided by virtue of the present invention. In one embodiment, user preferences are organized into templates stored in compact data structures and the live data used to fill the templates is stored local to the page server which is handling user requests for custom pages. One process is executed on the page server for every request. The process is provided a user template for the user making the request, where the user template is either generated from user preferences or retrieved from a cache of recently used user templates. Each user process is provided access to a large region of shared memory which contains all of the live data needed to fill any user template. Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like.”</p> <p><u>Nazem</u> at 9:15-20: “As shown, the portfolio section contains selected stock symbols, the scoreboard section contains selected team symbols, and the weather section contains selected weather cities/zip codes. The selections of stock quote symbols, team scores, and weather cities are set by the user.”</p> <p><u>Nazem</u> at 9:33–10:1: “Each of the modules 504 can be customized by a user and moved about front page 218. The modules 504 are also reusable, in that any customized module which appears on multiple pages can be edited from any one of those pages and the edits will be reflected on each of the pages. Other custom pages for the user can be viewed by selecting one of the page buttons 502 appearing below the header. Other pages and utilities can be selected using the buttons 508 which are part of the header.”</p> <p><u>Nazem</u> at 10:16–20: “The preference editing process can be initiated by the user pressing the appropriate edit button 512. As explained above, once the editing process is complete, the user template is flushed from the cache and regenerated. Since each of the news stories is essentially a static page linked to a headline shown in the news</p>

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	<p>section, these can simply be linked to static pages on a news server.”</p> <p><u>Nazem</u> at 11:8–10: “In any case, the user is allowed customize his or her pages beginning with the intelligent defaults selected.”</p> <p><u>Home on the Web</u> at 137: “My Yahoo! is a series of personalized pages that are far more elaborate than other ‘My’ pages. It is broken down into 12 sections, including Front Page, Health, News, Travel, and Computers, each of which can be independently configured. In effect you are customizing an entire site, not just one page. For each section you choose the types of content (<i>modules</i>) you wish to include, and you select where there should appear on the page.”</p>
<p>18. The method of claim 16 wherein the visually perceptible location comprises one or more of: a) an email message; b) a portion of an email message; c) a web page; and d) a portion of a web page.</p>	<p><u>My Yahoo!</u> discloses wherein the visually perceptible location comprises one or more of: a) an email message; b) a portion of an email message; c) a web page; and d) a portion of a web page.</p> <p>See disclosure cited for claim 16.</p> <p><u>Nazem</u> at 4:9-10: “FIG. 5 is an illustration of a user page generated using the global template of FIG. 4.”</p>

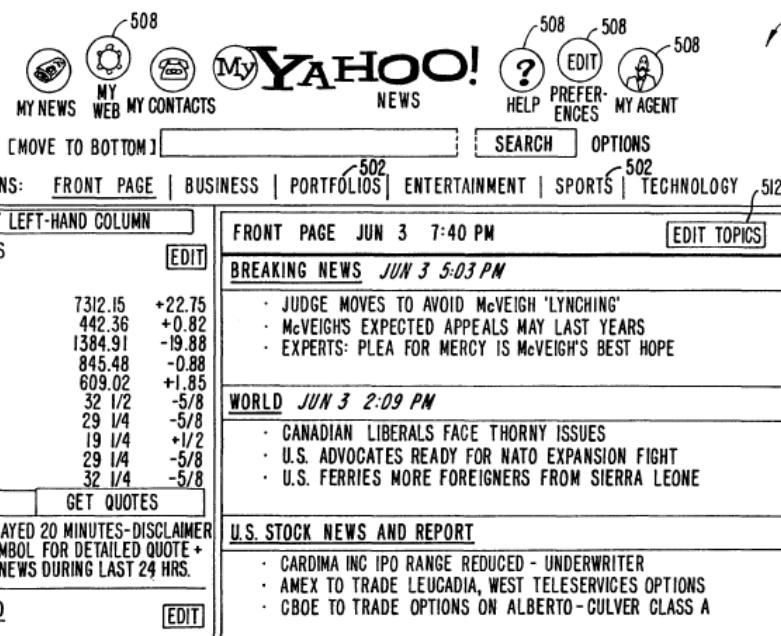
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FIG. 5A.

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	<p style="text-align: center;">My Yahoo!</p> <div style="border: 1px solid black; padding: 10px; width: 300px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 150px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><u>AL</u></td><td>DETROIT</td><td style="text-align: right;">8 F</td></tr> <tr><td></td><td>OAKLAND</td><td style="text-align: right;">9</td></tr> <tr><td><u>NL</u></td><td>SAN FRANCISCO</td><td style="text-align: right;">9 F</td></tr> <tr><td></td><td>FLORIDA</td><td style="text-align: right;">1</td></tr> <tr><td colspan="3">YESTERDAY</td></tr> <tr><td><u>AL</u></td><td>DETROIT</td><td style="text-align: right;">8 F</td></tr> <tr><td></td><td>OAKLAND</td><td style="text-align: right;">7</td></tr> <tr><td><u>NL</u></td><td>SAN FRANCISCO</td><td style="text-align: right;">2 F</td></tr> <tr><td></td><td>FLORIDA</td><td style="text-align: right;">4</td></tr> </table> </div> <div style="width: 150px; text-align: right; margin-top: 10px;"> <p>WEATHER EDIT</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>AUGUSTA, GA</td><td style="text-align: right;">63...78 F</td></tr> <tr><td>LONDON, UK</td><td style="text-align: right;">50...73 F</td></tr> <tr><td>OAKLAND, CA</td><td style="text-align: right;">59...70 F</td></tr> <tr><td>SAN JOSE, CA</td><td style="text-align: right;">54...75 F</td></tr> <tr><td colspan="2">CLICK ON CITY FOR EXTENDED FORECAST</td></tr> </table> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> <p>504</p> </div> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>MAJOR LEAGUE BASEBALL JUN 3 5:15PM</p> <ul style="list-style-type: none"> · 1997 BASEBALL FREE AGENT DRAFT FIRST ROUND SELECTIONS · MIKE PIAZZA LEADS BALLOTTING IN NL ALL-STAR VOTING · NATIONAL LEAGUE ALL-STAR VOTING RESULTS <p>ENTERTAINMENT TOP STORIES JUN 3 6:35PM</p> <ul style="list-style-type: none"> · CLINTON REFLECTS ON MUSIC · GIFFORD: MARRIAGE IS SOLID · ROCKABILITY LEGEND HOSPITALIZED <p style="text-align: center;">506 510</p> <p>MOVIES + FILM JUN 3 10:13AM</p> <ul style="list-style-type: none"> · FEATURE: NICOLAS CAGE ASKS, WHERE ARE THE HEROES? · NICK CASSAVETES UPDATES FATHER'S 'BOOKIE' · 'LOST WORLD' PROPS UP SLOW BOX OFFICE </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> <p>504</p> </div> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>TIP: CLICKING ON THE MY YAHOO! LOGO AT THE TOP WILL RELOAD AND UPDATE YOUR DEFAULT PAGE.</p> <p style="text-align: right;">YAHOO! BACK WEB CHANNEL GUIDE YAHOO! COMMUNITY RELATIONS GET LOCAL · NEWS TICKER · MOTLEY FOOL</p> </div> <div style="text-align: right; margin-top: 10px;">  </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>FIG. 5A.</p> </div> <div style="text-align: center;"> <p>FIG. 5B.</p> </div> </div> </div>	<u>AL</u>	DETROIT	8 F		OAKLAND	9	<u>NL</u>	SAN FRANCISCO	9 F		FLORIDA	1	YESTERDAY			<u>AL</u>	DETROIT	8 F		OAKLAND	7	<u>NL</u>	SAN FRANCISCO	2 F		FLORIDA	4	AUGUSTA, GA	63...78 F	LONDON, UK	50...73 F	OAKLAND, CA	59...70 F	SAN JOSE, CA	54...75 F	CLICK ON CITY FOR EXTENDED FORECAST	
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Nazem at 4:20–25: “FIG. 1 shows a client-server system 100 which is used to display custom news pages . A custom news page is displayed on a browser 102 which obtains the page from a page server 104 via Internet 106. While only one browser 102 is shown, a typical system will have many browsers connecting and disconnecting to the system.”

Nazem at 11:1–18: “Other intelligent defaults can be provided in other contexts. For example, the header of user front page 218 includes a button 508 labelled ‘myweb’ which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user.”

Home on the Web at 139: “Yahoo! Mail goes further than any other free-mail account in integrating mail into the site—unlike Start and AltaVista, where e-mail is almost completely separate from the rest of the site. You can

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	<p>see whether you have new messages from any My Yahoo! page, and you have links into your mail from many places within the site.”</p> <p><u>Nazem</u> at 23, claim 9: “populating a page based on the read user template and the current data stored in the data structure in the shared memory to form a custom news page; and providing the custom news page to the user in real-time response to the request.”</p>
<p>19. The method of claim 16 wherein selecting content from one or more distributed information access points comprises using a device with a communications link to submit information to the database on the server.</p>	<p><u>My Yahoo!</u> discloses wherein selecting content from one or more distributed information access points comprises using a device with a communications link to submit information to the database on the server. <i>E.g.</i>, See disclosure cited for claim 16, element (b) of claim 1, and claim 2.</p>
<p>20. The method of claim 19 wherein submitting information to the database on the server comprises submitting information about:</p> <p>(a) the selected content, and</p> <p>(b) the particular user.</p>	<p><u>My Yahoo!</u> discloses wherein submitting information to the database on the server comprises submitting information about: (a) the selected content, and (b) the particular user.</p> <p>See disclosure cited for claim 19 and element (b) of claim 1.</p>

Note 1: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Patent No. 5,715,314 to Payne et al. (Feb. 3, 1998) at *e.g.* 5:5-7 (settlement database is used to “record details of purchase transactions”); 7:27-30 (the payment computer records “the product identifier, the domain, the user account, the merchant account, the end of duration time, and the actual payment amount in the settlement database (step 88.”); 8:55-59 (“the payment computer retrieves the requested settlement data from the settlement database, creates a smart statement document for the buyer, and sends the smart statement document to the buyer computer (step 142.”); 9:42-45 (“access URL [is] contained in the smart statement document.”); U.S. Patent 6,632,248 to Isaac et al. (June 12, 1997) at *e.g.* 2:43-48 (“customization persistent client state information is or includes, for example, 128-bit globally unique identifiers (“GUID”) that are capable of uniquely identifying each and every user.”); 6:14-31 (“the customization of HTML or other network documents . . . can be conveyed in any of a wide variety of forms or formats, including . . . even simple usernames or passwords.”). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet.

Note 2: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Patent No. 5,737,619 to Judson (Apr. 7, 1998) at *e.g.* 3:64–4:7 (users of “personal computers” use “browsers” to access servers on the providing “web sites”); U.S. Patent No. 6,138,150 to Nichols et al. (filed Sep. 3, 1997) at *e.g.* 1:38–41 (“personal computer or work station running a browser software package, such as, for example NETSCAPE or MS EXPLORER”); Tim Berners-Lee, *The World-Wide Web*, 37 Communications of the ACM, 8 at *e.g.* 76, 80, 82 (August 1994). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet.

Note 3: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Patent No. 6,144,991 to England (filed Feb. 19, 1998) at *e.g.* 31:57–59 (“The guide can construct a collaborative tool such as a shared pointer that both the client and guide will view simultaneously on their Web browsers”); U.S. Patent No. 5,288,980 to Patel et al. (Feb. 22, 1994) at *e.g.* 1:14–37 (describing a librarian assisted patron transaction), 1:38–51 (describing a patron-only version of the same transaction); U.S. Patent No. 6,347,333 to Eisendrath et al. (filed Jun. 25, 1999) at *e.g.* 2:40–42 ([L]ibrarian assistance will be available for students in need of help locating supplemental research material.”). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet or through other mediums.

Note 4: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Patent No. 5,995,943 (Bull), at 3:27-44, 10:53-55, 13:15-19; Joel F. Bartlett, *Experience with a Wireless World Wide Web Client*, IEEE (1995) at 154 (“[W]e decided to try to build a wireless PDA-based client to access the World Wide Web. Using equipment available in the winter of 1994, we were able to build a client that we call W4, the Wireless World Wide Web.”); U.S. Patent No. 6,119167 to Boyle et al. (filed July 1, 1997) at 3:29–32 (“The cellular telephones run WWW browsers Which use Wireless communication links to communicate With link stations connected to the Internet.”), 1:35–48 (the only disclosed example browser being Netscape); U.S. Patent No. 5,987,440 to O’Neil et al. (filed July 2, 1997) at 2:2–13 (personal computers using wired or wireless networks), 4:25–40 (to access websites), 39:47–48 (using Netscape’s SSL); Anthony D. Joseph et al., *Mobile Computing with the Rover Toolkit*, IEEE (1997) at 338 (“The Rover toolkit offers applications a distributed object system based on a client/server architecture with client caching and optimistic concurrency control . . . Clients are Rover applications that typically run on mobile hosts.”), 348 (“The primary mode of operation is to use the laptops as clients . . . Network options that we have experimented with include . . 2 Mbps wireless AT&T WaveLan . . . and 9.6 Kbps Enhanced Throughput Cellular (ETC) cellular dial-up links.”). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet.

Note 5: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding

citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Pat. No. 6,515,681 to Knight (filed May 11, 1999) at e.g. 11:1–4 (“the present interface is used in connection with a message/bulletin board system 200 to permit individual and community based online sharing of such information”); 11:66–12:5 (“The user can . . . reply to one or more of [messages] . . . At such time, a message entry is sent from the user's computer system to server 220 where it is posted by posting logic 235 to an appropriate subject matter area/class/subclass index 241 based on both the content and context of the message entry.”); U.S. Patent No. 6,032,162 to Burke (Feb. 29, 2000) at 1:38–48 (“system for storing and activating HTML bookmark addresses (i.e., Web browser bookmarks) at an Internet site involves uploading, collating and downloading bookmark addresses.”); 2:26-30 (“[u]ser sends an individual bookmark or a file of bookmarks from the User's Internet terminal 10 to a remote Internet system 15 for storage.”); U.S. Patent No. 6,343,990 to Rasmussen et al. (filed Jan. 27, 2000) at 2:28–30 (“[T]he Internet site functions as a forum where participants may post or submit content to the site and view the submissions of others.”). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet or analogous fields including information management and retrieval.

Note 6: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Pat. No. 6,515,681 to Knight (filed May 11, 1999) at e.g. 16:52–55 (“Show Author's Messages: this has the effect of displaying within display area **320** only those messages from the retrieved group that were posted by the author of the selected message.”); 16:57–58 (“Edit Message: permits an author, in some cases, to alter the contents of an original message.”); U.S. Patent No. 6,032,162 to Burke (Feb. 29, 2000) at 1:38–48 (“system for storing and activating HTML bookmark addresses (i.e., Web browser bookmarks) at an Internet site involves uploading, collating and downloading bookmark addresses.”); 2:26-30 (“[u]ser sends an individual bookmark or a file of bookmarks from the User's Internet terminal 10 to a remote Internet system 15 for storage.”); U.S. Patent No. 6,343,990 to Rasmussen et al. (filed Jan. 27, 2000) at 2:28–30 (“[T]he Internet site functions as a forum where participants may post or submit content to the site and view the submissions of others.”); U.S. Patent No. 5,987,440 to O'Neil (Nov. 16, 1999) at 52:30–37(an electronic community's administrator “needs to be able to have privilege to everything within [a community's] boundaries . . . in order to make sure everything is running smoothly or find out where problems are.”); U.S. Patent No. 6,922,781 to Shuster (filed Apr. 29, 2000) at 1:50-54; (“[T]he presence of certain files (such as depictions of child pornography or copyright music files) . . . on corporate networks poses great legal risks”); 6:46-49 (“[H]ypertext links may be . . . compared against a list of illegal links (for example, links to adult-content Web sites.”). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet or analogous fields including information management and retrieval.

Note 7: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Pat. No. 6,993,587 to Basani et al. (filed April 7, 2000) at e.g. 9:13–16 (“Administrative inputs . . . are obtained from system administrators at the policy management consoles using the administrative interface”); 9:17–19 (“Using the management consoles, the system administrators can configure, schedule and monitor various content update jobs and define content groups.”); U.S. Pat. No. 6,230,173 to Ferrel et al. (filed Jul. 17, 1995) at e.g. 8:9–12 (“Each customer workstation also has a [caching object store] so that the customer can store and retrieve [Multimedia Publishing] system objects when assembling content into controls on pages.”); U.S. Pat. No. 5,778,368 to Hogan et al. (Jul. 7, 1998) at e.g. 5:13–15 (“Repository web

page based administrative interface for configuring and administering the Repository Server and Repository Station.”); 5:20–26 (“The Repository Server also includes other administrative access and functions, including . . . completing the check-in process for new Repository Units.”).

Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet or analogous fields including information management and retrieval.

Note 8: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Patent No. 5,987,440 to O’Neil et al. (Nov. 16, 1999) at Fig. 25(showing registration link on website homepage); Linda A. Rich et al., *How Libraries are Providing Access to Electronic Serials: A Survey of Academic Library Web Sites*, 25:2 Serials Review 35, 42 (1999)(explaining that minimizing the number of clicks between web pages improves user accessibility); David Lidsky, *Home on the Web*, PC Magazine, Sept. 1, 1998, at 137-39. Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet.

Note 9: To the extent it is contended that these limitations are not disclosed either explicitly or inherently by the citations above, BITCO contends that these limitations would have been obvious: (1) in view of these citations alone; (2) in view of these citations along with corresponding citations included in one or more of the other charts in Exhibit A; or (3) in view of these citations along with the following citations: U.S. Pat. No. 6,993,587 to Basani et al. (filed April 7, 2000) at e.g. 9:13–16 (“Administrative inputs . . . are obtained from system administrators at the policy management consoles using the administrative interface”); 9:17–19 (“Using the management consoles, the system administrators can configure, schedule and monitor various content update jobs and define content groups.”); U.S. Pat. No. 6,230,173 to Ferrel et al. (filed Jul. 17, 1995) at e.g. 8:9–12 (“Each customer workstation also has a [caching object store] so that the customer can store and retrieve [Multimedia Publishing] system objects when assembling content into controls on pages.”); U.S. Pat. No. 5,778,368 to Hogan et al. (Jul. 7, 1998) at e.g. 5:13–15 (“Repository web page based administrative interface for configuring and administering the Repository Server and Repository Station.”); 5:20–26 (“The Repository Server also includes other administrative access and functions, including . . . completing the check-in process for new Repository Units.”). U.S. Patent No. 5,987,440 to O’Neil (Nov. 16, 1999) at 52:30–37(an electronic community’s administrator “needs to be able to have privilege to everything within [a community’s] boundaries . . . in order to make sure everything is running smoothly or find out where problems are.”); U.S. Patent No. 6,922,781 to Shuster (filed Apr. 29, 2000) at 1:50-54; (“[T]he presence of certain files (such as depictions of child pornography or copyright music files) . . . on corporate networks poses great legal risks”), 6:46-49 (“[H]ypertext links may be . . . compared against a list of illegal links (for example, links to adult-content Web sites.”). Motivation to combine the references as discussed above exists at least because each of the references relates to distribution of information over a network such as the Internet or analogous fields including information management and retrieval.